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NOTES ON THE RESULTS OF TRACHOMA WORK BY THE INDIAN SERVICE IN ARIZONA AND NEW MEXICO

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INTRODUCTION

Few people have a true conception of the trachoma problem among the Indians of the Southwest. Persons unfamiliar with trachoma do not realize that this dread disease, while it does not kill, can leave permanent disability and blindness in its wake. In civilized white communities, under favorable conditions, the elimination of this disease is a long and arduous task. The problem is increased tenfold among a primitive Indian population of a low economic status, living in dark or unventilated hogans and tepees. Frequently whole families sleep on sheepskins spread on the dirt floors. Under the desert conditions obtaining over most of the Southwest, water is at a premium and personal cleanliness and sanitary conditions are at their worst. The glare of the desert sands, the intense radiation of the sun, the prevalent dust storms—all favor development of trauma of the conjunctiva and facilitate the penetration of the trachoma virus. In addition to these unfavorable factors are added the Indians' adherence to the medicine man and his suspicion of the white man's innovations in matters of medical treatment. It is necessary to gain the confidence of the Indian before even a start can be made to render him medical aid. These few facts may help to make clear the tremendous difficulties under which the Indian Service works in its campaign to eradicate trachoma.

The first indication which we find of any serious eye diseases among the Indians occurs in the reports of Army surgeons stationed at western posts between 1860 and 1870. They occasionally reported undue contagious eye diseases and blindness among Indians with whom they came in contact.

The diagnosis "trachoma" appears in the reports of physicians of the Indian Service as early as 1900. In recent years the cure and prevention of trachoma have constituted one of the greatest problems of the Indian medical service.

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HISTORICAL DATA

While the origin of trachoma among the Indians can not be proved, there is considerable basis for the belief that it was introduced by the early Spanish settlers.

There is little doubt that the Spanish peninsula was heavily infected with trachoma in the eighth century during the Mohammedan invasion and conquest. The Moslem armies were composed of elements from Arabia, Asia Minor, Egypt, and North Africa, which sections are known to have been heavily infected with trachoma as far back as history records. For seven centuries the Spanish peninsula was controlled and governed by the Arabs and all commercial intercourse was carried on with North Africa and Arabia. Trachoma is known to be prevalent in Spain to-day and in parts of Mexico settled by people from that country. Coronado entered New Mexico in 1540 with 400 Spaniards and 800 Indian allies from Old Mexico. For two years he explored the country now comprising Arizona and New Mexico. In 1598 Onate, with a band of colonists composed of Spaniards and Indians, made the first permanent settlement in northern New Mexico near the present pueblo of San Juan. In the next hundred years numerous settlements were made by Spaniards among the pueblos of the Rio Grande in New Mexico and the Mohaves, Yumas, and Pimas in Arizona. History records that the Spanish contact with these people was most intimate. This would readily account for the serious trachoma infection of these people. The Spaniards never succeeded in conquering the nomadic tribes, such as the Navajos, Apaches, and Comanches. However, intermittent warfare was carried on for 300 years by the Spaniards and Pueblo Indian allies on one side and the nomadic tribes on the other.

It was the custom of the Navajos, Apaches, and other tribes to kill all men prisoners, but the women and children prisoners were adopted into the tribe. During 300 years of warfare many Pueblo women and children, and possibly those of Spanish extraction, were captured and absorbed into the Navajo and Apache Tribes. After the great Indian rebellion of 1680 and the return of the Spanish in 1693, thousands of Pueblo Indians, fearing the vengeance of the conquerors, fled to the Navajo country and were absorbed into the Navajo tribes. During lulls in the warfare commercial intercourse was carried on between the nomadic tribes and the Spaniards and Pueblos. The early history of the Spanish occupation tells of two great fairs which were held each year—one at Taos, N. Mex., and the other at Chihauhau, Mexico. The Indians and Spanish settlers traveled for hundreds of miles from all over the Southwest to attend these fairs for purposes of trade and to engage in games and other forms of entertainment. The possibility of the wide spread of any

existing infection of trachoma among the Indians of the Southwest at an early date can be readily surmised.

PREVALENCE OF TRACHOMA

The first authentic information on the incidence of trachoma among the tribes of the Southwest dates from 1912, when a number of medical officers of the Public Health Service were detailed to make a survey. The results for Arizona and New Mexico are given in Table 1.

TABLE 1.—*Trachoma found among the Indian tribes of Arizona and New Mexico in 1912* [1]

[The reservation data represent examinations of adult Indians, children of preschool age, and a few children of school age not enrolled in school]

School or reservation	Tribe	Number examined	Found to have trachoma	
			Number	Per cent
Camp McDowell	Apache	110	13	12
Camp Verde	do	91	34	37
Colorado River	Mohave Apaches	147	51	35
Fort Mohave	Mohave and Chemehuevi	355	38	11
Gila River	Pima and Maricopa	943	326	34
Havasupai	Havasupai	169	5	3
Moqui (Hopi)	Hopi	1,079	411	38
Navajo	Navajo	710	213	30
Papago	Papago	500	102	20
Phœnix School	Mixed tribes	410	59	14
Salt River	Pima	112	43	39
San Carlos	Apache	376	49	13
Walapai	Walapai	117	32	27
Western Navajo	Navajo	359	44	12
White River	Apache	395	39	10
Albuquerque School	Many tribes	339	75	22
Jicarilla	Apache	201	17	8
Mescalero	do	190	18	10
Navajo	Navajo	462	139	30
Zuni	Zuni	170	10	6
Pueblo agencies	Pueblo	845	240	28

[1] Senate Document No. 1038, published in 1913.

OUTLINE OF WORK

For a number of years after the 1912 survey the trachoma work among the Indians was carried on by the scattered school and agency physicians. They were few in number, compared with the Indian population, poorly equipped, and burdened with an overwhelming amount of general medical work, and in consequence little progress could be made. Increase of congressional appropriations permitted in 1924 the first real organized effort against trachoma and other eye diseases. Seven ophthalmologists and 13 nurses were assigned to specified districts in the Indian country. Trachoma clinics were held and instruction was given to agency and school physicians on the diagnosis and treatment of trachoma. As appropriations applicable to health work have increased from year to year, the number of

specialists and nurses has been augmented, districts have been made smaller, and hospital facilities increased. Practically all the agency and school physicians have a good working knowledge of trachoma and devote as much time to it as their varied duties will permit. In 1926 the first steps were taken to separate trachomatous from nontrachomatous children in the Indian boarding schools by the establishment of a trachoma school at Fort Defiance, Ariz. This was not an experiment, as this plan had been tried with marked success by the London County Boards in London, England, 20 years earlier. Since 1926 a trachoma school has been designated at Shiprock, N. Mex.

It is believed that it is now time to take stock, determine whether the incidence of trachoma has been reduced in the aggregate, and evaluate the methods of control now in use.

The following pages will be devoted to this object, using official reports for the fiscal year 1928. The figures used are taken entirely from the reports of the ophthalmologists of the Indian Service.

PRESENT STATUS OF TRACHOMA

Table 2 presents the results of the examination of 7,127 Indians on 15 reservations in Arizona and New Mexico in 1928.

TABLE 2.—*Trachoma found among 7,127 Indians on 15 reservations in Arizona and New Mexico in 1928*

[The data represent examinations of adult Indians, children of preschool age, and a few children of school age not enrolled in school]

Agency	Tribe	Number examined	Found to have trachoma	
			Number	Per cent
Northern Navajo	Navajo	945	126	13.3
Eastern Navajo	do	700	80	11.4
Jicarilla	Apache	150	3	2.0
Mescalero	do	225	14	6.1
Zuni	Zuni	489	4	.8
Western Navajo	Navajo	433	96	22.0
Havasupai	Havasupai	42	0	0
Pima	Pima	262	20	7.6
San Carlos	Apache	724	94	13.0
Sells	Papago	216	20	9.2
Colorado River	Mohave	400	41	10.2
Needles Colony	do	150	4	2.6
Southern Pueblos	Pueblos	748	8	1.0
Northern Pueblos	do	1,431	95	6.0
Western Navajo	Hopi	212	18	8.4
Total for reservations		7,127	623	8.1

Table 3 shows the results of the examination of 5,363 school children in day, mission, and boarding schools in Arizona and New Mexico.

TABLE 3.—*Trachoma found among 5,363 school children in Arizona and New Mexico in 1928*

School	Tribe	Number examined	Found to have trachoma	
			Number	Per cent
Day schools	Pueblo	375	43	11.4
Do	Hopi	344	47	14.0
Do	Apache	188	30	15.9
Day and mission schools	Pima	335	104	31.0
San Carlos day and boarding schools	Apache	300	85	28.3
Mescalero boarding school	do	109	30	25.2
St. Catherine boarding school	Pueblo	205	46	22.4
Truxton Canyon boarding school	Walapai and Navajo	218	51	23.0
Theodore Roosevelt boarding school	Navajo	424	151	35.6
Keams Canyon boarding school	do	149	61	41.0
Leupp boarding school	do	404	179	44.3
Western Navajo boarding school	do	409	104	25.0
Tohatchie boarding school	do	261	157	60.1
Chas. H. Burke boarding school	do	510	105	20.6
Crown Point boarding school	do	350	170	45.7
Shiprock boarding school	do	414	127	30.7
Toadlena boarding school	do	225	160	71.1
Rehoboth Mission boarding school	do	143	29	21.6
Total		5,363	1,659	31.1

Table 4 shows a comparison of the results of the 1912 and the 1928 surveys in 11 comparable localities in Arizona and New Mexico.

TABLE 4.—*Comparison of 1912 and 1928 surveys in 11 localities in Arizona and New Mexico*

[The data cover examinations of adult Indians, children of preschool age, and a few children of school age not enrolled in school]

Reservation	Tribe	1912 survey			1928 survey		
		Number examined	Found to have trachoma		Number examined	Found to have trachoma	
			Number	Per cent		Number	Per cent
Colorado River	Mohave	147	51	35.0	400	41	10.2
Havasupai	Havasupai	169	5	3.0	42	0	0
Hopi	Hopi	1,079	411	38.0	212	18	8.4
Navajo	Navajo	710	213	30.0	1,645	206	12.5
Sells	Papago	500	102	20.0	216	20	9.2
Western Navajo	Navajo	359	44	12.0	433	96	22.0
San Carlos	Apache	376	49	13.0	724	94	13.0
Jicarilla	do	201	17	8.4	150	3	2.0
Mescalero	do	190	18	9.5	225	14	6.1
Zuni	Zuni	170	10	5.9	489	4	.8
Pueblo	Pueblo	845	240	28.4	2,179	107	4.9
Total		4,746	1,160	24.4	6,715	603	8.9

Table 5 presents a comparison of the incidence of trachoma among reservation Indians and school children of the same tribal groups.

TABLE 5.—*Comparison of incidence of trachoma among Indian reservations and among school children of the same tribal groups in Arizona and New Mexico, 1928*

[The heading "Reservation Indians" includes adults, children of preschool age, and a small number of children of school age not enrolled in school. The heading "School children" includes children attending day, boarding, and mission schools]

Tribe	Reservation Indians			School children		
	Number examined	Found to have trachoma		Number examined	Found to have trachoma	
		Number	Per cent		Number	Per cent
Pueblos	2,179	103	4.7	580	89	15.3
Pima	262	20	9.2	335	104	31.0
Apache	1,080	108	11.3	1,150	400	28.3
Hopi	212	18	8.4	344	47	14.0
Navajo	2,078	302	14.5	2,885	1,064	36.8
Total	5,811	551	9.5	5,294	1,713	32.5

DISCUSSION

An examination of Table 4 shows the gratifying result of a reduction in the incidence of trachoma among reservation Indians of Arizona and New Mexico from 24.4 per cent in 1912 to 8.9 per cent in 1928. Only one reservation, Western Navajo, shows an increase, which is readily explained by the fact that until recently there were no hospital facilities and only one physician to attend to the medical needs of 4,000 Indians scattered over a large and somewhat inaccessible area. Western Navajo suffered a severe epidemic of measles in 1928, which was followed immediately by a rapid and acute spread of trachoma. The best results, as might be expected, have been obtained among the Pueblos, Hopis, and Zunis. These Indians, living in villages, are readily accessible, and, being in a higher stage of culture than the nomadic tribes, are more amenable and cooperative.

A study of Table 3 shows that the incidence of trachoma among 5,363 children in day schools, mission schools, and boarding schools is 31.1 per cent. The day school can be used only when the Indians are of the village type, such as the Pueblos, Zuñis, Hopis, and Pimas. The day schools usually have pupils from 6 to 14 years of age. The day-school pupils finish their education in the boarding schools. As the Navajos are nomadic, it is necessary to educate their children entirely in boarding schools.

In Table 5 a comparison has been made to show the incidence of trachoma among reservation Indians and school children of the same tribal groups. In every group the incidence of trachoma in school children greatly exceeds the reservation rate. The average rate of trachoma for all the groups of reservation Indians considered is 9.5 per cent, while the school children of the same groups show an inci-

dence of 32.5 per cent, or over three times the general rate. In schools where trachomatous and nontrachomatous children are enrolled, the best of regulations and supervision will not prevent contact and infection. When it is considered that the secretion from the eyes of a trachoma case can be transferred to the eyes of another in so many ways, such as by fingers, towels, handkerchiefs, bed clothing, wash basins, eating utensils, chair arms, desks, door knobs, balls, bats, and other articles used in games, it will be realized that the prevention of infection under such close contact is a difficult task, and no doubt many children who acquire trachoma in schools carry it home during the summer vacations to infect trachoma-free families.

The ophthalmologists of the Indian Service report that adult reservation Indians coming for eye treatment are usually old cases suffering from the sequelæ of trachoma and are not in an infective stage. Acute and subacute trachoma, the type to convey contagion, is seen only among children.

Field work by ophthalmologists among adult Indians of the nomadic type is unsatisfactory and usually a waste of time. Such Indians come only for the relief of the subjective symptoms and disappear as soon as this has been accomplished, long before a cure has been effected. It is the policy of the Indian Bureau to use persuasive measures only and to avoid all coercive efforts, which would only antagonize the Indians and defeat our aims.

There is converging evidence that the ultimate eradication of trachoma in the Indian population will be obtained by concentrating on the present generation. The extension of segregation of trachomatous and nontrachomatous children in schools throughout the Indian country, with intensive treatment by ophthalmologists, will go far to accomplish the object in view. Curative measures should go hand in hand with health education. Children in trachoma schools, of course, should not be allowed to return to their families until they are no longer conveyors of contagion. Adult Indians with trachoma or sequelæ should be encouraged to accept hospitalization for treatment by agency physicians or ophthalmologists when available.

CONCLUSIONS

1. The active work of the Indian medical service has resulted in a marked reduction in the incidence of trachoma on the reservations in Arizona and New Mexico.

2. The practice of segregation of trachomatous children into special schools should be extended to include all the Indian country.

3. The main effort against trachoma should be concentrated on the treatment of the infected children in the special schools.

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CURRENT PREVALENCE OF COMMUNICABLE DISEASES IN THE UNITED STATES[1]

September 29–November 2, 1929

The prevalence of certain important communicable diseases as indicated by weekly telegraphic reports from State health departments[2] to the Public Health Service is summarized below. This summary is prepared from the data published weekly in the Public Health Reports under the section entitled "Prevalence of Disease."

Smallpox.—The rise in smallpox incidence during October was somewhat greater than the normal seasonal increase. The number of cases reported (1,664) was about 50 per cent higher than the average for the corresponding period of the preceding three years. The largest increases were shown in New York State, Illinois, Michigan, and Virginia. Ohio and Indiana have reported considerable numbers of cases during all of 1929.

[1] From the Office of Statistical Investigations, U. S. Public Health Service.

[2] The numbers of States reporting for the various diseases are as follows: Typhoid fever, 41; poliomyelitis, 43; meningococcus meningitis, 42 ;smallpox ,42; measles, 38; diphtheria, 42; scarlet fever, 41; influenza, 31.

Scarlet fever.—Scarlet fever showed an increase which was perhaps slightly greater than the normal seasonal increase for this disease. The reported cases numbered 11,024 for the 5-week period, a figure not far from the seasonal average.

Poliomyelitis.—The reported number of cases (528) was slightly lower than in 1928 and considerably lower than in 1927, when 2,329 cases were reported. There was a slight resistance to the usual seasonal decline. No States showed great increases over the average prevalence.

Meningococcus meningitis.—The reported number of cases (459) was about double the seasonal average of the preceding three years, but even this ratio was lower than that which obtained last spring and summer. New York State, Illinois, and Michigan appear to be the chief centers of prevalence.

Diphtheria.—The number of cases of diphtheria reported (9,349) represents a level slightly below that of recent years.

Influenza.—During the period September 9–November 2, there were 1,731 cases of influenza reported—the lowest number for the period during the last four years.

Measles.—The reported number of cases of measles (5,580) was also the lowest in the last four years.

Typhoid fever.—Typhoid fever continued its downward trend; 2,571 cases were reported as compared with 3,298 and 3,613 during the two preceding years, respectively.

Mortality from all causes.—The mortality rate for large cities during October, as reported by the Bureau of the Census, was about normal as compared with the three preceding years. The average weekly rate was 11.7 (annual basis) per 1,000 inhabitants.

RECENT STATE MORTALITY STATISTICS [a]

For the information of public health officials and others interested, the rates in the following tables have been computed from monthly mortality data furnished by the State health departments for the latest month for which records are available. For purposes of comparison, the mortality records for a few preceding years are given, the rates being those for the month corresponding to the latest month for which the 1928 or 1929 rate is available.

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[a] From the Office of Statistical Investigations, United States Public Health Service.

Monthly State mortality statistics

[All rates are on an annual basis, and, with the exception of mortality from all causes, infant mortality and congenital malformations and diseases of early infancy, are per 100,000 population]

State	1928	1929								1928	1927	1926	1925
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.				
ALL CAUSES, ANNUAL RATE PER 1,000 POPULATION													
Alabama (total)	13.4	19.6	12.6	11.4	11.2	11.9	11.8	11.1	11.0	11.7	9.5	10.9	10.0
White	11.1	17.3	11.2	10.0	9.0	9.2	9.2	8.7	8.5	8.7	7.7	9.0	-----
Colored	17.5	26.9	17.2	15.7	15.3	16.9	16.8	15.7	15.7	17.1	12.8	14.4	-----
California	21.2	16.8	15.7	15.4	15.2	13.8	14.2	-----	-----	12.9	-----	-----	-----
Connecticut	11.4	15.9	14.8	12.2	10.4	11.1	9.0	9.3	-----	9.8	9.5	9.8	9.2
Georgia	-----	15.2	11.2	9.2	9.6	9.1	11.3	10.3	10.0	-----	-----	-----	-----
Hawaii Territory	12.9	13.3	15.2	14.6	14.6	14.5	12.7	12.1	9.7	11.8	11.3	-----	-----
Indiana	16.7	17.7	14.0	13.4	12.4	12.2	10.8	10.5	-----	9.9	10.9	10.5	10.9
Iowa	14.4	14.6	12.2	11.0	10.7	10.4	-----	9.7	8.6	8.6	-----	-----	-----
Kansas	18.0	13.1	12.7	12.1	11.0	9.8	-----	-----	-----	10.9	-----	-----	-----
Kentucky	11.7	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Louisiana	15.7	18.8	13.4	12.1	11.5	11.2	11.6	11.1	-----	12.7	-----	-----	-----
White	13.0	16.0	10.9	9.7	8.8	8.2	8.2	8.3	-----	9.6	-----	-----	-----
Colored	20.6	24.1	18.0	16.3	16.5	16.7	16.9	16.0	-----	18.4	-----	-----	-----
Maryland	-----	-----	-----	-----	-----	-----	-----	11.7	11.9	-----	-----	-----	-----
White	-----	-----	-----	-----	-----	-----	-----	10.4	10.8	-----	-----	-----	-----
Colored	-----	-----	-----	-----	-----	-----	-----	18.4	17.5	-----	-----	-----	-----
Michigan	16.2	17.0	12.9	13.2	12.7	13.2	11.7	10.8	10.4	9.7	-----	-----	-----
Minnesota	12.5	13.6	9.1	9.7	9.3	9.2	8.6	8.3	8.0	8.0	-----	-----	-----
Mississippi	16.7	23.1	14.0	13.0	11.8	11.1	12.6	11.7	-----	10.1	-----	-----	-----
White	14.9	19.8	11.9	10.5	8.8	8.4	9.0	8.6	-----	15.7	-----	-----	-----
Colored	18.4	26.1	15.9	15.3	14.6	13.7	15.9	14.5	-----	13.0	-----	-----	-----
Nebraska	14.8	12.3	11.9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
New Jersey	13.2	17.3	14.0	13.2	12.1	11.3	10.5	10.4	9.0	9.9	9.6	9.7	10.8
New York [1]	13.8	20.3	15.6	14.1	13.5	13.0	16.0	11.1	11.3	11.0	11.3	11.1	12.8
North Carolina	17.5	16.2	15.7	12.6	11.7	11.9	-----	-----	-----	11.7	-----	-----	-----
Pennsylvania	15.8	19.4	14.0	12.9	11.7	11.2	9.8	9.6	-----	10.3	9.8	10.6	10.0
Rhode Island	-----	19.1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
South Dakota	14.1	10.8	9.6	8.9	8.0	9.0	7.1	6.8	8.3	8.2	-----	-----	-----
Tennessee	16.1	19.2	14.4	13.8	11.3	10.7	10.9	11.9	10.9	11.6	10.9	-----	-----
White	-----	17.2	12.7	11.9	9.6	9.1	9.3	10.1	9.4	-----	-----	-----	-----
Colored	-----	28.4	22.6	22.8	19.8	18.2	18.9	20.9	18.2	-----	-----	-----	-----
Virginia	13.1	19.1	13.5	12.0	10.3	9.8	9.7	10.2	8.9	-----	-----	-----	-----
White	11.5	17.3	11.3	10.0	8.8	7.8	8.0	8.8	7.4	-----	-----	-----	-----
Colored	17.3	23.9	19.1	17.1	14.4	15.1	14.4	14.0	13.0	-----	-----	-----	-----
Wisconsin	-----	14.5	11.8	11.2	11.1	10.6	10.0	-----	8.9	8.9	-----	-----	-----
INFANT MORTALITY, PER 1,000 LIVE BIRTHS													
Alabama (total)	72	125	92	86	69	78	73	70	60	70	54	73	-----
White	60	100	79	79	62	66	69	67	52	54	49	69	-----
Colored	95	171	117	97	80	99	81	75	75	99	65	82	-----
California	76	66	73	74	69	65	63	-----	-----	60	-----	-----	-----
Connecticut	56	74	85	69	61	79	50	44	-----	43	72	53	42
Hawaii Territory	113	100	120	129	117	109	108	89	158	153	-----	-----	-----
Indiana	81	97	83	70	60	63	48	52	64	63	52	70	84
Iowa	44	103	75	37	61	48	-----	44	43	49	-----	-----	-----
Kansas	60	94	73	77	69	53	-----	-----	-----	53	-----	-----	-----
Louisiana	73	94	75	76	86	91	95	69	-----	79	-----	-----	-----
Maryland	-----	-----	-----	-----	-----	-----	-----	70	82	-----	-----	-----	-----
White	-----	-----	-----	-----	-----	-----	-----	60	75	-----	-----	-----	-----
Colored	-----	-----	-----	-----	-----	-----	-----	105	113	-----	-----	-----	-----
Michigan	86	112	71	71	67	69	57	53	51	53	-----	-----	-----
Minnesota	56	83	66	48	51	49	36	39	40	44	-----	-----	-----
Nebraska	80	79	81	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
New Jersey	68	93	70	71	70	59	43	46	-----	56	-----	-----	-----
New York [1]	70	87	81	77	70	64	52	45	47	55	49	62	71
Pennsylvania	90	118	95	81	69	65	51	49	-----	54	50	62	57
Rhode Island	-----	100	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
South Dakota	59	85	90	66	63	63	41	50	39	56	-----	-----	-----
Tennessee	-----	145	98	89	61	86	63	83	71	-----	-----	-----	-----
Virginia	72	140	91	78	61	-----	67	75	61	-----	-----	-----	-----
Wisconsin	72	105	68	69	89	60	51	50	43	47	-----	-----	-----

[1] Exclusive of New York City.

Monthly State mortality statistics—Continued

State	1928	1929								1928	1927	1926	1925
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.				
CONGENITAL MALFORMATIONS AND DISEASES OF EARLY INFANCY (159-163), PER 1,000 LIVE BIRTHS													
Alabama (total)	23	37	27	31	27	34	29	27	30	29	34	33	----
White	27	39	28	32	29	34	34	30	30	24	24	35	----
Colored	18	39	26	28	24	34	20	21	31	37	24	29	----
California	24	35	33	31	33	32	30	----	----	27	----	----	----
Iowa	35	48	34	36	35	31	----	30	30	33	----	----	----
Kansas	27	37	32	26	39	33	----	----	----	27	----	----	----
Louisiana	25	26	21	29	31	32	34	28	----	32	----	----	----
Maryland	----	----	----	----	----	----	----	36	34	----	----	----	----
White	----	----	----	----	----	----	----	36	37	----	----	----	----
Colored	----	----	----	----	----	----	----	36	27	----	----	----	----
Michigan	39	45	37	34	35	38	33	36	33	30	----	----	----
Minnesota	20	37	35	30	33	32	26	28	29	30	----	----	----
Nebraska	34	30	33	----	----	----	----	----	----	----	----	----	----
New York [1]	40	43	43	41	38	41	35	45	35	36	33	34	37
Pennsylvania	37	41	38	33	34	35	32	30	----	31	29	35	30
Rhode Island	----	45	----	----	----	----	----	----	----	----	----	----	----
South Dakota	28	36	43	29	32	29	21	35	16	35	----	----	----
Tennessee	----	36	28	27	20	26	28	29	25	----	----	----	----
TYPHOID FEVER (1)													
Alabama	6.0	1.3	1.4	2.2	5.7	5.5	11.4	12.4	17.4	19.7	21.1	35.0	31.0
California	1.0	1.0	2.6	2.1	1.6	1.6	1.9	----	----	4.0	----	----	----
Connecticut	----	.7	----	----	----	1.4	1.5	1.4	----	----	.7	.8	.8
Georgia	----	2.2	2.0	2.6	5.3	7.4	12.2	20.2	19.9	----	----	----	----
Hawaii Territory	----	----	3.7	13.5	3.5	3.4	3.5	6.6	----	11.1	7.2	----	----
Indiana	3.0	1.5	.4	.4	3.4	1.5	2.3	7.0	5.6	10.4	5.9	10.2	----
Iowa	3.4	1.5	1.1	.5	2.6	1.0	----	9.7	3.4	2.4	----	----	----
Kansas	1.3	1.3	1.4	1.9	1.3	1.3	----	----	----	----	----	----	----
Kentucky	13.4	6.5	5.1	3.7	----	----	----	----	----	----	----	----	----
Louisiana	7.8	6.0	4.0	3.6	11.2	14.5	10.0	17.5	----	22.9	----	----	----
Maryland	----	----	----	----	----	----	----	5.1	8.0	----	----	----	----
Michigan	1.3	1.5	.9	.3	1.9	2.1	1.9	1.5	2.8	1.3	----	----	----
Minnesota	.4	----	.4	----	.5	.4	1.3	2.6	1.3	.9	----	----	----
Mississippi	7.9	6.6	2.9	6.6	4.1	7.2	15.6	19.7	----	15.2	----	----	----
Nebraska	3.3	3.3	.9	----	----	----	----	----	----	----	----	----	----
New Jersey	.9	.6	1.0	.3	.3	1.9	.3	1.9	1.8	3.7	----	----	----
New York [1]	1.7	1.0	.9	.4	.6	.6	2.1	2.3	2.1	2.3	3.9	2.4	4.9
North Carolina	7.2	2.4	1.8	2.4	2.1	3.2	----	----	----	2.4	----	----	----
Pennsylvania	1.3	1.4	2.0	.8	.4	1.8	2.3	2.5	----	2.0	3.0	3.1	3.3
South Carolina	12.6	3.2	9.1	3.2	3.9	10.1	22.8	25.3	----	45.5	38.9	----	----
South Dakota	6.7	3.3	3.7	----	----	----	3.5	1.7	3.3	3.3	----	----	----
Tennessee	8.9	2.4	2.1	2.8	2.9	5.2	7.3	19.3	31.1	30.6	41.2	----	----
Virginia	2.3	2.7	.5	.9	.9	3.9	3.8	7.8	5.9	----	----	----	----
Wisconsin	.8	.4	1.3	2.0	1.2	.4	.8	.8	2.4	.4	----	----	----
MEASLES (7)													
Alabama	3.2	3.9	3.4	3.9	5.7	3.2	2.8	1.4	0.5	2.3	2.8	5.2	----
California	.3	----	.6	1.3	----	.5	----	----	----	.3	----	----	----
Connecticut	2.2	3.6	4.8	7.2	7.4	6.5	3.7	.7	----	6.6	1.5	4.5	0.8
Georgia	----	1.1	2.9	1.5	3.0	2.2	----	----	.4	----	----	----	----
Hawaii Territory	3.4	3.4	3.7	3.4	----	16.9	17.4	13.2	3.3	3.4	3.6	----	----
Indiana	1.1	3.0	4.9	10.4	13.4	7.0	5.0	.4	.4	----	----	2.3	----
Iowa	----	1.0	.5	1.9	2.5	1.9	----	.5	----	----	----	----	----
Kansas	----	----	.7	3.8	5.3	7.1	----	----	----	2.6	----	----	----
Kentucky	.9	1.4	4.1	3.7	----	----	----	----	----	----	----	----	----
Louisiana	1.8	4.8	5.3	6.0	4.4	4.2	----	2.4	----	7.2	----	----	----
Maryland	----	----	----	----	----	----	----	----	.7	----	----	----	----
Michigan	1.3	1.3	1.1	5.1	7.7	9.2	5.0	2.3	.3	.8	----	----	----
Minnesota	1.3	5.2	2.6	5.2	5.8	4.3	4.9	1.3	----	----	----	----	----
Mississippi	4.6	5.3	12.4	18.4	7.5	5.3	2.0	2.0	----	2.8	----	----	----
Nebraska	.8	----	1.9	----	----	----	----	----	----	----	----	----	----
New Jersey	.9	.9	2.4	1.8	2.2	.6	1.0	.3	.3	2.5	----	----	----
New York [1]	1.5	5.8	4.4	5.0	3.6	4.1	2.1	1.0	1.4	.6	.6	.2	1.2
North Carolina	2.0	1.2	2.7	.4	.8	.8	----	----	----	21.2	----	----	----
Pennsylvania	2.8	7.4	7.0	6.5	6.0	5.9	3.8	1.8	----	2.8	1.1	4.3	2.8
Rhode Island	----	18.1	----	----	----	----	----	----	----	----	----	----	----
South Carolina	----	----	----	----	----	.6	----	----	----	5.7	3.2	----	----
South Dakota	----	----	----	10.0	6.9	1.7	1.7	3.3	----	----	----	----	----
Tennessee	.5	----	----	.9	1.0	.5	.5	1.5	----	.5	.9	----	----
Virginia	2.7	2.7	1.0	3.2	2.4	3.7	.9	.5	.9	----	----	----	----
Wisconsin	.4	2.0	2.2	2.4	7.0	6.0	4.5	2.0	----	----	----	----	----

[1] Exclusive of New York City.

Monthly State mortality statistics—Continued

State	1928	1929								1928	1927	1926	1925
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.				
SCARLET FEVER (8)													
Alabama	.....	1.7	1.4	1.7	.....	.....	0.9	1.4	0.9	.....	0.9	0.5	.....
California	2.1	1.8	2.6	2.6	3.7	4.4	2.9	.....	.....	0.8	.....	.....	.....
Connecticut	.....	2.2	.....	2.9	.7	.7	.7	1.4	.....	1.5	.....	2.3	0.8
Georgia	.....	1.5	2.0	.....	1.1	.7	.....	.....	1.5	.....	.....	.....	.....
Indiana	2.6	6.3	5.7	4.4	3.8	4.4	3.4	1.5	1.9	.4	.....	.4	.....
Iowa	7.3	2.4	4.3	2.9	3.5	1.9	.....	1.5	1.5	.....	.....	.....	.....
Kansas	2.6	5.8	5.0	6.4	6.0	2.6	.....	.....	.....	7.1	.....	.....	.....
Kentucky	.9	5.5	6.1	5.1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	.6	.....	.....	1.2	.6	1.8	.....	.....	.....	.....	.....	.....	.....
Maryland	.....	.....	.....	.....	.....	.....	.....	1.5	.....	.....	.....	.....	.....
Michigan	5.9	4.4	5.4	5.4	7.7	3.3	2.7	1.5	.5	1.5	.....	.....	.....
Minnesota	1.7	6.1	2.2	3.9	2.7	2.2	.....	1.3	1.7	.9	.....	.....	.....
Nebraska	2.5	6.7	8.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	1.8	1.5	1.4	1.2	2.2	1.5	1.6	.3	.....	.3	.....	.....	.....
New York [1]	1.7	4.5	3.7	3.1	2.6	2.3	1.1	.8	1.4	.2	1.3	.4	.5
North Carolina	1.6	2.4	1.8	1.2	2.9	2.4	.....	.....	.....	1.2	.....	.....	.....
Pennsylvania	3.1	4.8	3.3	3.0	3.3	3.1	2.1	1.4	.....	.9	1.5	2.4	2.0
Rhode Island	.....	3.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	1.9	1.3	.....	.....	.....	1.3	.7	1.3	.....	.6	.....	.....	.....
South Dakota	3.3	1.7	5.6	6.0	.....	6.7	5.2	.....	1.7	.....	.....	.....	.....
Tennessee	2.8	1.4	4.7	3.3	2.9	2.8	.....	.9	.5	.5	.9	.....	.....
Virginia	2.3	1.4	1.0	1.8	.....	.5	.5	.....	.5	.....	.....	.....	.....
Wisconsin	3.6	2.4	4.4	3.6	5.4	.4	2.9	2.0	1.2	1.2	.....	.....	.....
WHOOPING COUGH (9)													
Alabama	6.9	9.1	10.1	7.0	10.4	10.1	10.4	17.4	11.9	6.9	17.4	11.8	6.2
California	10.9	7.0	4.3	7.2	8.3	9.0	10.2	.....	.....	8.5	.....	.....	.....
Connecticut	2.9	6.5	4.0	2.9	.7	2.2	3.0	2.2	.....	2.9	.....	3.8	3.8
Georgia	.....	4.0	3.7	5.5	4.9	4.4	13.7	15.8	13.6	.....	.....	.....	.....
Hawaii Territory	20.2	30.4	37.4	40.5	83.7	67.5	38.3	16.4	6.6	3.4	3.6	.....	.....
Indiana	5.6	7.0	6.2	6.3	6.5	7.0	6.5	4.8	6.7	6.3	5.6	10.9	.....
Iowa	5.3	5.3	3.2	6.3	8.0	4.8	.....	4.8	4.8	4.8	.....	.....	.....
Kansas	2.6	5.8	7.8	5.8	4.6	2.6	.....	.....	.....	7.7	.....	.....	.....
Kentucky	7.4	10.6	13.8	8.8	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	7.8	5.4	6.7	6.0	7.5	6.0	6.9	11.5	.....	13.3	.....	.....	.....
Maryland	.....	.....	.....	.....	.....	.....	.....	7.3	11.7	.....	.....	.....	.....
Michigan	10.0	7.2	7.7	4.6	7.2	8.2	5.6	3.3	7.4	4.9	.....	.....	.....
Minnesota	6.5	9.1	6.1	4.3	4.9	5.2	.9	4.8	3.0	5.2	.....	.....	.....
Mississippi	5.9	11.2	10.2	11.2	14.3	10.5	17.7	12.5	.....	8.3	.....	.....	.....
Nebraska	5.0	3.3	1.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	4.9	13.3	6.8	6.2	5.7	4.0	2.2	2.8	4.9	7.4	.....	.....	.....
New York [1]	1.7	6.2	5.0	5.4	4.3	3.3	2.1	1.3	4.1	3.0	2.6	6.8	4.9
North Carolina	4.4	9.2	8.4	5.2	7.5	9.6	.....	.....	.....	7.6	.....	.....	.....
Pennsylvania	12.0	12.4	8.4	5.2	4.8	4.3	4.3	5.0	.....	3.7	4.6	7.8	5.7
Rhode Island	.....	3.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	7.6	3.2	9.1	7.6	13.1	17.1	22.8	18.3	.....	12.0	24.9	.....	.....
South Dakota	.....	1.7	3.7	3.3	1.7	11.7	6.9	1.7	1.7	8.4	.....	.....	.....
Tennessee	5.2	10.4	6.8	4.2	6.3	7.5	6.3	13.7	10.0	3.8	10.9	.....	.....
Virginia	6.4	18.3	9.1	6.9	6.1	8.2	9.9	12.8	16.9	.....	.....	.....	.....
Wisconsin	3.2	2.4	3.5	3.2	6.6	5.6	4.9	4.4	4.0	4.0	.....	.....	.....

[1] Exclusive of New York City.

Monthly State mortality statistics—Continued

State	1928	1929								1928	1927	1926	1925
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.				
DIPHTHERIA (10)													
Alabama	17.9	10.0	3.9	4.3	2.8	2.3	1.4	2.8	7.3	5.0	7.0	4.7	7.2
California	5.4	4.9	3.7	1.8	3.7	3.4	4.3			4.8			
Connecticut	8.0	3.6	4.0	2.9	3.7	4.3	3.7	2.9		1.5	3.7	1.5	5.4
Georgia		7.4	2.4	1.8	1.9	22.4	20.9	11.4	5.2				
Hawaii Territory	6.7	3.4	11.2	13.5	20.2	6.7	10.5	6.6	3.3	10.1	21.7		
Indiana	10.0	5.9	5.7	3.7	5.0	3.3	1.5	2.2	3.0	2.2	4.5	2.6	
Iowa	4.4			.5	2.0	1.5		2.4	1.0	.5			
Kansas	7.1	2.6	2.8	4.5	4.6	1.3				2.6			
Kentucky	17.5	12.5	10.2	5.1									
Louisiana	16.3	4.2	8.7	3.0	2.5	5.4	3.1	3.6		.6			
Maryland								1.5	5.1				
Michigan	12.8	12.1	8.5	12.6	10.3	11.3	13.0	9.8	6.9	6.7			
Minnesota	5.2	2.2	2.2	3.0	2.2	2.6	.9	2.6	1.7	1.3			
Mississippi	15.1	6.6	5.8	2.0	2.0		1.4	1.3		6.9			
Nebraska	4.2	5.0	5.6										
New Jersey	14.2	20.6	13.0	10.2	10.5	10.5	9.9	8.9	5.5	7.1			
New York [1]	3.8	4.5	3.4	3.7	2.4	3.1	4.1	2.1	2.7	1.3	3.0	3.9	3.4
North Carolina	26.4	16.8	10.2	4.8	4.1	1.6				2.0			
Pennsylvania	10.8	10.3	7.1	9.2	6.8	5.7	5.7	4.4		4.8	6.2	6.3	6.7
Rhode Island		6.6											
South Carolina	24.6	6.3	4.9	6.9	2.0	4.4	3.3	1.9		.6			
South Dakota	1.7		1.9		3.5	3.3				1.7			
Tennessee	18.8	7.5	4.7	4.7	2.9	3.3	2.9	1.4	6.1	2.4	3.3		
Virginia	12.3	8.2	4.6	7.8	1.9	1.4	1.4	2.7	3.2				
Wisconsin	4.8	2.8	3.1	2.0	.8	4.4	2.5	1.6	2.0	1.2			
INFLUENZA (11)													
Alabama (total)	164.7	762.7	236.7	117.9	53.2	43.6	19.5	9.6	9.2	16.5	8.4	9.9	10.6
White	152.8	711.4	241.3	110.0	47.1	32.2	18.1	8.4	6.3	11.9	7.3	4.4	
Colored	185.9	973.1	261.0	150.4	64.0	77.8	21.8	11.9	14.5	25.1	10.5	19.7	
California	254.0	94.5	47.2	40.1	23.5	13.4	7.5			14.4			
Connecticut	34.3	196.6	133.5	40.9	21.5	9.3	3.7	2.9		6.6	7.4	5.3	1.5
Georgia		503.2	164.0	77.2	74.5	22.4	20.9	11.4	5.2				
Hawaii Territory	30.4	23.6	20.9	23.6	38.3	27.0	20.9	19.7	13.2	37.1	5.6		
Indiana	267.7	341.4	131.3	66.0	36.4	21.1	13.0	11.1	8.5	8.2	7.5	8.3	12.6
Iowa	256.5	312.3	101.5	57.7	28.1	28.6		9.7	5.3	12.1			
Kansas	392.7	221.4	120.8	85.3	46.4	29.5				78.9			
Kentucky	142.0	818.6	281.9	98.7									
Louisiana	162.4	490.9	179.8	95.4	41.8	19.9	11.8	11.5		19.9			
White	144.5	424.3	140.4	76.5	30.8	14.9	9.6	8.4		14.9			
Colored	195.3	613.2	252.2	130.2	61.9	29.1	15.9	17.1		29.1			
Maryland								2.2	.7				
White								.9	.9				
Colored								9.1					
Michigan	157.2	237.7	76.9	39.5	24.1	21.8	10.2	6.7	5.1	5.4			
Minnesota	150.1	231.9	55.4	38.9	19.2	17.7	6.7	4.3	5.2	7.8			
Mississippi	213.7	897.9	172.5	118.3	42.8	27.6	17.7	11.2		13.8			
Nebraska	367.2	219.9	108.3										
New Jersey	45.0	164.2	59.4	25.0	15.0	10.2	2.2	2.2	1.8	3.4	1.9	2.2	2.0
New York [1]	37.5	235.4	98.2	36.6	23.1	13.0	3.3	2.9	2.0	2.3	3.2	4.1	2.7
North Carolina	195.2	375.5	281.3	116.2	59.2	37.3				34.1			
Pennsylvania	172.3	357.9	95.6	55.0	26.9	20.6	10.0	6.7		10.2	5.9	7.5	5.2
Rhode Island		231.9											
South Carolina	353.7	382.2	172.7	98.5	51.6	29.7	17.6	13.9		8.8	2.6		
South Dakota	224.1	249.1	124.1	45.2	41.5	38.5	15.6	10.0	11.7	15.1			
Tennessee	225.9	644.7	252.2	153.9	71.0	33.4	18.0	13.2	10.4	13.2	10.6		
White		506.1	238.2	141.4	61.6	27.8	14.7	11.9	9.7				
Colored		880.3	319.8	214.6	116.6	60.5	34.1	19.2	13.7				
Virginia	155.0	501.2	192.9	88.2	48.7	19.2	9.9	5.0	5.9				
White	149.8	585.8	156.7	63.2	36.6	11.4	5.9	1.9	7.0				
Colored	168.9	605.3	287.5	153.8	80.3	39.7	20.6	13.2	3.3				
Wisconsin	199.8	269.1	75.9	36.3	27.2	20.7	9.9	7.2	6.0	5.2			

[1] Exclusive of New York City.

Monthly State mortality statistics—Continued

State	1928	1929								1928	1927	1926	1925
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.				
POLIOMYELITIS (22)													
Alabama	1.8	0.4	2.4	0.4	0.9	-----	2.8	0.5	1.4	0.9	0.9	0.5	-----
California	1.3	.3	.9	.8	.8	2.1	.8	-----	-----	1.1	-----	-----	-----
Connecticut	.7	-----	-----	-----	-----	-----	1.5	.7	-----	-----	-----	-----	3.8
Hawaii Territory	-----	-----	-----	-----	-----	3.4	-----	-----	3.3	-----	-----	-----	-----
Indiana	.4	.7	-----	.4	-----	-----	.4	-----	-----	.7	-----	-----	-----
Iowa	1.5	1.9	-----	1.5	.5	-----	-----	.5	1.0	.5	-----	-----	-----
Kansas	.6	.6	-----	.6	-----	-----	-----	-----	-----	-----	-----	-----	-----
Kentucky	.9	.9	1.0	.5	-----	-----	-----	-----	-----	-----	-----	-----	-----
Louisiana	-----	-----	.7	1.2	1.3	.6	-----	.6	-----	1.2	-----	-----	-----
Maryland	-----	-----	-----	-----	-----	-----	-----	-----	.7	-----	-----	-----	-----
Michigan	.8	1.3	.3	.8	.5	.5	.8	1.0	1.0	.5	-----	-----	-----
Minnesota	-----	-----	.9	-----	.4	.9	-----	-----	.4	6.1	-----	-----	-----
Mississippi	-----	-----	1.5	.7	1.4	-----	2.0	2.0	-----	2.8	-----	-----	-----
New Jersey	-----	.3	.3	.6	-----	.3	.6	.6	.3	1.5	-----	-----	-----
New York [1]	.4	.6	.7	.2	.2	.4	.2	1.4	3.3	3.6	1.3	8.3	7.0
North Carolina	.4	.4	.4	1.6	1.2	.8	-----	-----	-----	1.2	-----	-----	-----
Pennsylvania	1.6	.6	.6	.4	-----	.5	.7	.5	-----	.5	.6	.5	.9
South Carolina	-----	.6	.7	.6	-----	1.3	-----	.6	-----	1.9	1.3	-----	-----
South Dakota	3.3	3.3	3.7	-----	-----	5.0	-----	-----	-----	8.4	-----	-----	-----
Tennessee	4.2	.9	.5	.9	.5	1.9	1.5	1.9	1.4	1.9	.9	-----	-----
Virginia	1.8	.5	-----	1.4	.9	-----	-----	.9	4.6	-----	-----	-----	-----
Wisconsin	.8	-----	.4	-----	-----	.8	1.2	.4	-----	.8	-----	-----	-----
LETHARGIC ENCEPHALITIS (23)													
Alabama	-----	1.8	0.5	2.3	1.9	0.5	0.5	0.9	0.5	0.5	-----	-----	-----
California	1.8	3.4	1.4	1.0	2.4	1.6	1.3	-----	-----	1.3	-----	-----	-----
Connecticut	.7	.7	3.2	2.2	-----	1.4	.7	.7	-----	2.2	-----	-----	-----
Hawaii Territory	-----	-----	-----	-----	-----	-----	-----	3.3	3.3	-----	-----	-----	-----
Indiana	-----	1.9	.8	1.1	1.5	.7	1.1	.7	.4	-----	-----	-----	-----
Iowa	1.9	2.4	1.0	2.4	1.0	1.5	-----	.5	-----	.5	-----	-----	-----
Kansas	3.2	.6	-----	.6	.7	2.6	-----	-----	-----	1.9	-----	-----	-----
Kentucky	-----	.5	.5	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Louisiana	1.2	-----	-----	1.2	-----	1.8	-----	-----	-----	-----	-----	-----	-----
Michigan	1.0	1.5	1.1	1.0	1.6	2.3	2.1	.5	.3	2.1	-----	-----	-----
Minnesota	3.0	3.5	2.2	2.0	1.8	1.7	4.0	2.6	.9	1.7	-----	-----	-----
Mississippi	-----	-----	.7	.7	1.4	.7	-----	-----	-----	-----	-----	-----	-----
Nebraska	.8	-----	2.8	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
New Jersey	.3	2.2	1.7	1.5	1.0	1.2	1.9	.6	1.2	1.2	-----	-----	-----
New York [1]	1.1	1.2	.9	1.2	.7	.8	2.4	.6	1.0	.8	0.9	1.5	1.2
North Carolina	.8	.4	1.8	.8	.4	.4	-----	-----	-----	.4	-----	-----	-----
Pennsylvania	1.0	1.3	2.0	1.0	1.2	1.2	.6	1.0	-----	1.2	1.4	1.1	1.0
South Carolina	.6	1.3	1.4	5.1	2.0	4.4	3.3	-----	-----	1.3	2.6	-----	-----
South Dakota	1.7	1.7	-----	-----	1.7	-----	1.7	-----	-----	-----	-----	-----	-----
Tennessee	.5	-----	1.0	-----	1.5	-----	.5	1.9	.9	.5	.9	-----	-----
Virginia	-----	2.3	.5	1.4	2.4	.5	.9	-----	1.4	-----	-----	-----	-----
Wisconsin	.8	.4	2.2	2.0	1.6	2.8	2.5	2.8	.4	.8	-----	-----	-----
MENINGOCOCCUS MENINGITIS (24)													
Alabama	-----	1.4	3.9	1.5	-----	0.5	0.9	0.5	0.5	0.5	-----	-----	-----
California	7.2	11.1	10.3	14.2	12.6	13.2	9.4	-----	-----	1.9	-----	-----	-----
Connecticut	2.2	-----	2.4	3.6	.7	1.4	-----	-----	-----	.7	2.2	-----	2.3
Hawaii Territory	6.7	10.1	18.7	70.9	38.3	50.6	27.9	19.7	3.3	6.7	3.6	-----	-----
Indiana	1.5	1.1	-----	1.1	1.9	3.0	1.9	1.1	.7	-----	-----	-----	-----
Iowa	1.5	2.4	3.8	2.9	2.0	1.5	-----	1.9	1.0	1.0	-----	-----	-----
Kansas	1.3	3.8	5.0	3.8	2.7	3.2	-----	-----	-----	1.9	-----	-----	-----
Louisiana	3.0	1.2	4.7	4.2	5.6	1.8	1.9	.6	-----	.6	-----	-----	-----
Michigan	4.6	6.9	12.5	29.8	37.9	41.8	27.8	19.2	11.0	2.8	-----	-----	-----
Minnesota	3.9	3.0	2.6	.4	2.2	1.7	1.3	3.5	1.7	.9	-----	-----	-----
Mississippi	2.0	1.3	.7	.7	.7	-----	.7	1.3	-----	1.4	-----	-----	-----
Nebraska	-----	.8	7.4	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
New Jersey	3.1	3.4	2.4	2.5	2.2	4.6	2.2	2.2	1.2	2.2	-----	-----	-----
New York [1]	.6	.6	1.8	1.0	2.1	1.4	.6	1.0	2.1	.8	.6	-----	1.0
North Carolina	.4	-----	.4	.4	.4	1.2	-----	-----	-----	-----	-----	-----	-----
Pennsylvania	1.3	1.7	2.8	3.1	2.2	3.4	1.2	1.6	-----	.9	.1	0.8	.1
Rhode Island	-----	1.6	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
South Carolina	2.5	1.3	2.8	3.2	3.9	2.5	2.0	1.9	-----	.6	1.3	-----	-----
South Dakota	-----	-----	3.7	10.0	1.7	-----	-----	-----	-----	1.7	-----	-----	-----
Tennessee	2.8	1.9	1.0	3.9	3.4	1.9	1.5	2.8	.5	1.4	.5	-----	-----
Virginia	.9	1.8	1.5	1.8	1.4	2.7	.9	1.4	-----	-----	-----	-----	-----
Wisconsin	3.6	.4	6.6	10.0	2.9	3.6	4.5	1.2	2.4	.4	-----	-----	-----

[1] Exclusive of New York City.

Monthly State mortality statistics—Continued

State	1928	1929								1928	1927	1926	1925
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.				
TUBERCULOSIS, ALL FORMS (31–37)													
Alabama (total)	73.0	76.6	83.6	80.5	91.8	88.1	81.3	86.5	78.7	83.5	85.4	88.5	.....
White	44.9	54.7	62.9	51.9	55.0	45.6	39.1	45.6	37.8	37.8	45.9	47.3	.....
Colored	125.3	129.2	134.2	146.4	159.4	167.4	159.4	163.5	155.6	168.8	156.6	161.7	.....
California	146.0	137.5	147.9	149.4	138.6	139.6	130.3	.....	.....	128.4	.....	.....	.....
Connecticut	66.4	66.0	77.1	68.2	64.5	66.0	61.5	61.7	.....	68.6	60.1	59.7	83.1
Georgia	.....	64.3	60.6	66.9	74.5	72.4	85.9	68.7	59.2	.....	.....	.....	.....
Hawaii Territory	141.7	108.0	89.6	91.2	121.9	124.8	129.0	111.8	105.2	148.4	112.3	.....	.....
Indiana	80.5	78.2	76.8	79.7	81.6	74.9	81.2	58.2	63.4	58.9	62.4	79.1	60.1
Iowa	38.8	34.9	38.7	35.4	40.6	37.3	.....	35.9	36.4	29.1	.....	.....	.....
Kansas	35.9	39.1	50.4	41.1	36.5	41.1	.....	.....	.....	43.6	.....	.....	.....
Kentucky	97.8	116.2	121.0	91.3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	85.7	128.0	91.6	92.4	104.2	90.6	99.2	83.3	.....	93.0	.....	.....	.....
White	52.2	88.6	61.9	50.4	54.9	47.6	53.0	42.9	.....	45.7	.....	.....	.....
Colored	147.3	200.4	146.0	169.6	194.7	169.6	184.1	157.6	.....	109.8	.....	.....	.....
Maryland	.....	.....	.....	.....	.....	.....	.....	99.8	92.5	.....	.....	.....	.....
White	.....	.....	.....	.....	.....	.....	.....	67.6	70.2	.....	.....	.....	.....
Colored	.....	.....	.....	.....	.....	.....	.....	268.8	209.6	.....	.....	.....	.....
Michigan	69.2	80.0	72.1	72.3	80.6	85.7	71.3	66.2	60.0	60.8	.....	.....	.....
Minnesota	50.2	49.3	48.4	60.1	65.3	55.8	57.2	49.7	51.9	54.9	.....	.....	.....
Mississippi	90.1	84.2	72.1	96.0	98.5	91.4	95.8	83.5	.....	78.2	.....	.....	.....
White	41.4	45.5	45.8	53.8	41.3	38.6	39.9	30.3	.....	48.3	.....	.....	.....
Colored	134.7	119.6	98.2	134.7	150.9	139.8	147.0	132.2	.....	105.6	.....	.....	.....
Nebraska	19.2	30.9	38.9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	65.9	76.4	84.3	84.7	84.7	76.1	70.1	75.5	72.4	76.1	71.9	68.8	78.8
New York [1]	67.1	84.8	82.8	76.3	80.6	82.3	78.4	64.7	70.3	71.1	75.4	73.7	79.1
North Carolina	84.2	91.0	91.0	89.4	102.7	91.4	.....	.....	.....	93.8	.....	.....	.....
Pennsylvania	67.3	79.6	69.4	66.7	68.8	69.6	63.6	62.3	.....	68.9	65.5	71.0	75.7
Rhode Island	.....	65.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	94.7	64.4	65.0	77.7	71.2	87.8	94.0	79.0	.....	87.8	95.7	.....	.....
South Dakota	60.2	53.5	57.4	48.5	48.4	60.2	48.4	55.2	65.2	95.3	.....	.....	.....
Tennessee	145.9	140.7	145.9	139.3	146.9	133.2	140.5	112.9	105.9	112.5	119.4	.....	.....
White	.....	121.5	119.4	113.0	107.4	102.8	109.1	79.0	81.2	.....	.....	.....	.....
Colored	.....	233.8	274.1	266.8	338.3	280.6	292.8	277.6	225.4	.....	.....	.....	.....
Virginia	88.3	116.1	85.6	84.1	93.6	96.9	78.4	82.3	76.8	.....	.....	.....	.....
White	67.0	101.8	65.8	56.3	53.6	58.8	45.7	49.3	48.7	.....	.....	.....	.....
Colored	143.9	153.8	137.3	157.1	198.3	196.8	164.1	168.7	150.5	.....	.....	.....	.....
Wisconsin	48.6	44.3	47.7	63.8	72.9	47.8	63.4	48.3	46.3	52.2	.....	.....	.....
CANCER, ALL FORMS (43–49)													
Alabama (total)	50.5	33.1	45.9	41.3	45.0	48.2	54.7	50.8	44.4	57.4	40.3	52.0	.....
White	48.4	38.6	49.7	46.3	55.8	52.6	53.6	58.9	40.6	62.4	43.7	55.9	.....
Colored	54.1	27.7	30.7	38.2	40.9	39.6	55.9	35.6	51.4	47.5	34.2	43.4	.....
California	164.1	151.4	129.6	135.4	140.7	146.0	144.5	.....	.....	131.4	.....	.....	.....
Connecticut	118.2	98.3	114.4	118.4	103.0	116.2	100.8	103.3	.....	99.2	96.5	101.2	109.3
Georgia	.....	35.7	41.5	41.5	36.1	39.7	50.1	44.5	47.4	.....	.....	.....	.....
Hawaii Territory	50.6	54.0	89.6	54.0	59.3	67.5	80.2	59.2	36.2	74.2	83.3	.....	.....
Indiana	100.5	100.8	98.5	90.0	101.9	110.9	90.0	107.1	84.9	109.7	99.8	103.7	96.6
Iowa	121.2	97.5	116.0	114.0	112.7	109.1	.....	111.5	106.2	115.4	.....	.....	.....
Kansas	117.4	84.7	107.3	91.8	96.8	86.6	.....	.....	.....	93.0	.....	.....	.....
Kentucky	57.7	65.0	61.8	46.6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	77.3	67.6	64.2	61.0	77.4	75.5	63.0	62.8	.....	70.6	.....	.....	.....
White	85.8	68.1	37.9	58.2	73.2	86.7	66.5	62.5	.....	74.6	.....	.....	.....
Colored	61.7	66.8	78.5	62.5	85.0	54.8	56.6	63.4	.....	63.4	.....	.....	.....
Maryland	.....	.....	.....	.....	.....	.....	.....	96.9	116.6	.....	.....	.....	.....
White	.....	.....	.....	.....	.....	.....	.....	90.7	124.9	.....	.....	.....	.....
Colored	.....	.....	.....	.....	.....	.....	.....	82.0	72.9	.....	.....	.....	.....
Michigan	96.4	100.3	96.0	96.9	98.3	89.0	86.7	100.5	102.8	87.5	.....	.....	.....
Minnesota	110.7	109.9	84.8	112.9	112.2	98.6	96.5	97.3	110.3	105.1	.....	.....	.....
Mississippi	53.9	37.5	56.8	45.4	51.6	52.6	61.1	38.8	.....	39.4	.....	.....	.....
White	67.6	45.5	65.6	56.5	57.0	55.2	78.4	44.1	.....	42.7	.....	.....	.....
Colored	41.6	30.2	48.8	35.3	46.8	50.4	45.5	34.0	.....	36.4	.....	.....	.....
Nebraska	78.6	70.2	93.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	119.9	100.1	116.7	115.9	105.7	110.9	117.8	123.3	104.5	99.8	96.4	108.1	108.6
New York [1]	115.5	138.1	136.0	115.4	117.9	128.4	118.1	120.1	121.6	123.5	126.6	119.8	129.0
Pennsylvania	94.4	102.1	99.8	101.4	96.6	98.0	91.0	100.4	.....	99.3	93.6	96.4	92.2
Rhode Island	.....	136.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	49.3	34.1	37.8	32.2	36.6	49.1	43.1	43.6	.....	46.7	36.4	.....	.....
South Dakota	87.0	53.5	63.0	51.8	74.3	60.2	69.1	66.9	71.9	80.3	.....	.....	.....
Tennessee	66.4	49.4	59.9	57.4	63.2	53.6	56.9	62.1	58.8	55.5	54.0	.....	.....
White	.....	48.2	59.1	58.5	62.2	59.5	52.8	61.3	56.2	.....	.....	.....	.....
Colored	.....	55.0	64.0	52.3	68.2	68.8	76.8	66.0	71.5	.....	.....	.....	.....
Virginia	63.6	55.3	63.3	63.6	56.7	59.4	56.2	68.6	59.9	.....	.....	.....	.....
White	72.0	58.1	67.9	65.1	62.0	63.8	59.4	75.8	61.3	.....	.....	.....	.....
Colored	41.3	48.0	51.3	59.5	42.7	48.0	47.9	49.6	56.2	.....	.....	.....	.....
Wisconsin	111.2	98.1	109.0	97.3	104.7	104.9	96.8	111.2	117.6	104.1	.....	.....	.....

[1] Exclusive of New York City.

Monthly State mortality statistics—Continued

State	1928	1929								1928	1927	1926	1925
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.				
DIABETES (57)													
Alabama (total)	10.1	17.0	6.3	5.2	10.9	6.4	10.0	6.4	5.0	7.8	7.0	5.8	5.2
White	11.9	18.9	8.5	4.9	12.3	5.6	12.3	4.9	5.6	9.1	8.0	5.9	.....
Colored	6.5	15.8	2.9	6.6	8.2	7.9	5.4	9.2	4.0	5.3	5.3	5.3	.....
California	33.3	28.9	28.9	25.6	21.4	18.1	19.0	.....	.....	17.6	.....	.....	.....
Connecticut	14.6	15.8	23.8	21.5	14.1	17.2	11.9	15.1	.....	20.4	.....	.....	.....
Georgia	.....	13.6	8.1	9.9	6.5	6.3	7.6	10.3	.....	.....	.....	.....	.....
Hawaii Territory	6.7	13.5	3.7	10.1	13.9	16.9	17.4	19.7	3.3	6.7	10.9	.....	.....
Indiana	14.8	17.8	14.8	16.7	13.8	14.1	11.9	12.2	16.3	14.5	.....	.....	.....
Iowa	29.6	29.1	18.3	16.0	18.0	21.3	.....	16.5	11.6	17.5	.....	.....	.....
Kansas	38.5	30.2	22.0	22.5	22.5	19.2	.....	.....	.....	18.6	.....	.....	.....
Kentucky	10.2	12.9	10.2	11.1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	12.7	15.7	15.4	17.5	7.0	10.3	6.2	9.7	.....	9.7	.....	.....	.....
White	14.0	20.5	17.5	22.4	6.7	8.4	2.9	11.2	.....	9.3	.....	.....	.....
Colored	10.3	6.8	11.4	8.6	7.1	13.7	12.4	6.9	.....	10.3	.....	.....	.....
Maryland	.....	.....	.....	.....	.....	.....	.....	21.9	13.1	.....	.....	.....	.....
White	.....	.....	.....	.....	.....	.....	.....	20.8	13.0	.....	.....	.....	.....
Colored	.....	.....	.....	.....	.....	.....	.....	22.8	13.7	.....	.....	.....	.....
Michigan	26.4	26.4	21.9	22.8	21.2	23.3	19.3	20.3	17.4	16.2	.....	.....	.....
Minnesota	26.0	28.1	18.6	21.2	13.9	14.7	15.2	9.5	21.2	12.5	.....	.....	.....
Mississippi	14.5	11.8	5.8	10.5	6.8	7.2	2.0	8.6	.....	5.9	.....	.....	.....
White	17.9	15.2	3.1	6.9	7.1	6.9	1.4	8.3	.....	4.1	.....	.....	.....
Colored	11.3	8.8	8.4	13.9	6.5	7.6	2.6	8.8	.....	7.5	.....	.....	.....
Nebraska	40.1	26.8	16.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	26.2	33.9	27.0	22.8	24.5	22.2	22.6	22.8	17.9	19.4	.....	.....	.....
New York [1]	28.2	41.6	29.8	28.1	22.9	27.1	22.3	25.4	20.1	24.0	22.5	20.3	22.3
Pennsylvania	26.2	31.7	26.2	22.5	23.4	21.8	16.2	15.2	.....	18.6	16.1	17.9	15.5
Rhode Island	.....	26.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	17.7	7.0	11.2	8.8	5.2	7.6	3.3	10.7	.....	3.8	3.2	.....	.....
South Dakota	31.8	28.4	11.1	28.4	8.6	21.7	20.7	10.0	20.1	18.4	.....	.....	.....
Tennessee	8.5	11.8	10.4	12.2	9.2	10.4	9.2	8.0	8.9	7.1	.....	.....	.....
White	.....	13.1	12.6	13.6	8.2	10.2	7.6	9.1	7.4	.....	.....	.....	.....
Colored	.....	5.5	.....	5.5	14.2	11.0	17.2	2.8	16.5	.....	.....	.....	.....
Virginia	13.3	19.7	8.6	7.8	10.9	7.8	7.1	10.1	10.1	.....	.....	.....	.....
White	11.4	22.1	6.3	7.6	13.1	5.1	6.5	9.5	11.4	.....	.....	.....	.....
Colored	18.2	13.2	14.7	8.3	5.1	14.9	8.6	11.6	6.6	.....	.....	.....	.....
DISEASES OF THE NERVOUS SYSTEM (70-83)													
Alabama (total)	109.4	92.4	95.8	100.7	108.3	111.2	97.9	87.0	96.1	96.6	.....	.....	.....
White	100.9	80.6	86.9	95.3	97.0	99.5	79.7	69.4	78.5	61.4	.....	.....	.....
Colored	125.3	114.7	112.4	110.8	129.4	133.2	132.2	120.0	129.2	133.2	.....	.....	.....
California	181.2	161.8	150.8	142.4	143.4	125.0	139.9	.....	.....	132.5	.....	.....	.....
Iowa	144.0	143.5	170.2	141.1	144.3	134.3	.....	123.6	120.7	117.8	.....	.....	.....
Kansas	215.0	154.6	162.0	170.0	139.2	143.7	.....	.....	.....	146.3	.....	.....	.....
Kentucky	107.5	122.2	112.3	98.7	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	122.6	115.3	105.6	89.4	91.7	91.2	101.7	79.7	.....	102.6	.....	.....	.....
White	117.5	99.8	94.0	68.1	80.0	64.3	85.8	69.0	.....	73.7	.....	.....	.....
Colored	131.9	143.9	127.1	128.5	113.3	140.5	131.0	99.3	.....	155.9	.....	.....	.....
Maryland	.....	.....	.....	.....	.....	.....	.....	115.8	96.9	.....	.....	.....	.....
White	.....	.....	.....	.....	.....	.....	.....	114.5	94.5	.....	.....	.....	.....
Colored	.....	.....	.....	.....	.....	.....	.....	123.8	109.4	.....	.....	.....	.....
Michigan	161.8	174.1	142.5	151.8	138.6	145.2	126.1	115.2	135.9	103.4	.....	.....	.....
Minnesota	99.9	109.4	95.6	112.5	99.7	100.8	82.2	91.3	77.4	76.6	.....	.....	.....
Nebraska	117.9	122.1	133.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	118.9	147.6	131.0	132.2	128.3	112.5	96.5	103.5	88.7	101.1	99.2	104.3	113.7
New York [1]	148.4	194.2	175.4	170.0	150.4	160.3	119.7	125.9	118.9	120.6	124.5	126.8	168.2
Pennsylvania	129.1	153.4	135.5	131.4	122.4	119.6	94.0	96.0	.....	.....	.....	.....	.....
Rhode Island	.....	182.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Dakota	130.5	60.2	103.7	98.7	96.8	83.6	81.2	70.2	98.7	103.7	.....	.....	.....
Tennessee	.....	105.9	104.7	117.2	103.6	106.4	104.1	98.8	83.8	.....	.....	.....	.....
White	.....	94.2	96.2	104.5	90.3	85.9	91.5	81.8	75.5	.....	.....	.....	.....
Colored	.....	162.3	146.2	178.8	167.7	208.3	250.2	181.4	123.7	.....	.....	.....	.....
Virginia	119.8	155.9	142.8	123.9	125.7	108.4	108.7	111.6	86.0	.....	.....	.....	.....
White	85.3	127.0	114.8	106.8	101.2	88.4	89.5	97.3	60.0	.....	.....	.....	.....
Colored	210.0	231.6	216.1	168.7	189.9	160.4	158.9	148.9	153.8	.....	.....	.....	.....

[1] Exclusive of New York City.

Monthly State mortality statistics—Continued

State	1928	1929								1928	1927	1926	1925
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.				
CEREBRAL HEMORRHAGE, APOPLEXY (74)													
Alabama (total)	65.0	50.9	55.1	53.9	63.7	68.4	56.6	56.3	55.8	49.6	41.7	40.2	.....
White	65.9	45.6	52.8	57.5	54.3	58.9	44.9	42.8	46.3	35.7	44.5	35.5	.....
Colored	63.3	68.6	65.7	55.4	79.0	84.4	76.3	81.8	73.8	75.2	36.8	48.6	.....
California	128.7	113.5	105.6	97.7	100.9	91.7	95.3	.....	.....	92.1	.....	.....	.....
Georgia	.....	64.7	76.1	65.8	58.1	67.6	77.5	69.5	59.6	.....	.....	.....	.....
Hawaii Territory	67.5	60.7	71.0	40.5	48.8	50.6	45.3	72.4	55.9	70.8	47.1	.....	.....
Indiana	140.1	138.7	126.0	120.1	104.2	107.1	106.5	104.5	85.6	93.8	91.6	90.5	95.1
Iowa	106.2	102.8	125.6	92.6	108.7	98.4	.....	88.7	89.7	85.3	.....	.....	.....
Kansas	165.5	127.0	132.1	133.5	110.8	112.9	.....	.....	.....	106.5	.....	.....	.....
Kentucky	60.9	70.1	66.9	58.1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	84.5	77.9	64.8	54.3	61.2	62.2	61.8	50.1	.....	75.5	.....	.....	.....
White	83.0	59.7	56.8	41.0	51.1	44.8	49.1	44.8	.....	54.1	.....	.....	.....
Colored	87.3	111.3	79.6	73.8	79.6	94.2	84.9	60.0	.....	114.8	.....	.....	.....
Maryland	.....	.....	.....	.....	.....	.....	.....	88.9	72.9	.....	.....	.....	.....
White	.....	.....	.....	.....	.....	.....	.....	88.5	73.7	.....	.....	.....	.....
Colored	.....	.....	.....	.....	.....	.....	.....	91.1	68.3	.....	.....	.....	.....
Michigan	115.2	122.1	99.1	112.1	100.2	102.3	89.6	80.0	82.6	77.2	.....	.....	.....
Minnesota	74.4	81.3	69.6	84.4	71.5	77.9	63.0	64.0	58.8	59.3	.....	.....	.....
Mississippi	73.0	80.9	78.6	69.7	64.5	77.6	63.2	71.0	.....	58.5	.....	.....	.....
White	64.8	78.6	79.4	77.2	59.8	66.2	58.4	55.2	.....	53.8	.....	.....	.....
Colored	80.6	83.1	78.1	63.0	69.0	88.2	67.6	85.6	.....	62.8	.....	.....	.....
Nebraska	86.1	101.2	95.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	90.3	107.5	98.9	97.4	90.1	85.1	67.2	75.5	67.8	70.3	.....	.....	.....
New York [1]	113.2	158.2	138.5	126.8	115.6	120.8	95.1	95.3	84.2	92.0	93.6	93.6	130.2
Pennsylvania	94.9	112.6	98.1	92.7	88.4	87.5	71.7	76.0	.....	.....	.....	.....	.....
Rhode Island	.....	159.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Dakota	78.6	43.5	59.3	60.2	55.3	53.5	50.1	45.2	51.9	68.6	.....	.....	.....
Tennessee	.....	58.4	60.4	59.8	55.9	69.6	59.3	53.2	52.7	.....	.....	.....	.....
White	.....	49.4	55.9	55.1	45.8	53.4	51.6	47.1	47.1	.....	.....	.....	.....
Colored	.....	101.8	82.2	82.5	105.2	148.6	96.7	82.5	79.7	.....	.....	.....	.....
Virginia	82.8	108.8	102.3	90.5	90.3	71.3	78.4	84.6	57.6	.....	.....	.....	.....
White	56.9	93.5	82.6	72.7	73.1	57.5	63.4	74.6	41.1	.....	.....	.....	.....
Colored	150.5	148.9	153.8	137.3	135.0	107.5	117.9	110.8	100.9	.....	.....	.....	.....
DISEASES OF THE CIRCULATORY SYSTEM (87-96)													
Alabama (total)	151.5	153.8	142.9	132.7	141.4	149.2	134.3	132.3	138.7	142.3	.....	.....	.....
White	128.3	136.0	120.3	110.7	119.5	113.5	107.9	89.7	107.2	117.7	.....	.....	.....
Colored	195.1	187.2	185.4	174.1	182.6	216.2	183.9	212.3	197.8	188.5	.....	.....	.....
California	496.7	427.7	383.4	372.4	360.2	335.7	326.1	.....	.....	280.4	.....	.....	.....
Iowa	329.8	313.8	287.2	268.2	282.6	271.6	.....	222.1	190.6	168.3	.....	.....	.....
Kansas	277.2	232.3	216.7	198.3	198.9	198.9	.....	.....	.....	197.0	.....	.....	.....
Kentucky	192.3	232.4	198.5	191.9	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	274.1	307.9	242.0	213.7	209.6	195.0	195.9	196.8	.....	186.6	.....	.....	.....
White	230.3	270.4	194.7	179.0	164.8	148.3	154.2	149.2	.....	145.5	.....	.....	.....
Colored	354.6	376.8	330.0	277.5	292.0	280.9	272.6	284.3	.....	262.1	.....	.....	.....
Maryland	.....	.....	.....	.....	.....	.....	.....	239.7	140.4	233.9	.....	.....	.....
White	.....	.....	.....	.....	.....	.....	.....	230.7	105.5	218.6	.....	.....	.....
Colored	.....	.....	.....	.....	.....	.....	.....	282.5	231.5	314.4	.....	.....	.....
Michigan	345.2	347.3	273.2	276.7	266.3	278.5	245.4	215.2	206.5	188.8	.....	.....	.....
Minnesota	269.5	253.9	185.6	191.6	178.8	189.5	176.1	171.3	153.1	145.3	.....	.....	.....
Nebraska	243.3	217.4	216.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	307.2	391.3	344.9	305.4	297.4	258.5	255.1	233.9	192.3	213.2	180.0	171.2	182.2
New York [1]	384.7	545.9	441.9	382.3	369.9	341.2	297.2	301.3	305.2	276.5	298.2	245.5	292.3
Pennsylvania	330.2	369.3	299.7	278.4	259.7	248.0	217.5	206.7	.....	.....	.....	.....	.....
Rhode Island	.....	347.0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	384.1	262.1	292.3	291.2	269.6	296.9	312.0	272.9	.....	305.1	295.5	.....	.....
South Dakota	224.1	162.2	150.0	155.5	134.8	160.6	115.8	95.3	148.9	88.6	.....	.....	.....
Tennessee	.....	162.8	159.4	160.0	136.6	149.2	149.8	142.6	120.0	.....	.....	.....	.....
White	.....	147.0	134.5	130.0	116.2	132.3	119.1	113.0	97.4	.....	.....	.....	.....
Colored	.....	239.3	280.2	305.4	235.9	231.1	298.5	285.8	219.9	.....	.....	.....	.....
Virginia	204.4	242.8	217.7	218.6	164.4	185.2	174.3	149.1	140.4	.....	.....	.....	.....
White	180.7	223.7	191.5	174.4	150.9	159.9	145.0	130.8	105.5	.....	.....	.....	.....
Colored	266.3	292.7	278.3	334.1	200.0	251.4	251.2	196.8	231.5	.....	.....	.....	.....

[1] Exclusive of New York City.

Monthly State mortality statistics—Continued

State	1928	1929								1928	1927	1926	1925
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.				
DISEASES OF THE HEART (87-90)													
Alabama (total)	140.9	138.3	125.6	117.9	132.6	140.4	125.0	124.0	123.4	131.2	91.9	90.8	.....
White	115.6	129.7	108.6	103.0	110.8	105.1	96.9	88.9	93.9	104.4	74.3	67.3	.....
Colored	187.2	175.4	175.2	163.5	171.7	205.7	177.1	193.8	184.6	180.7	123.7	132.8	.....
California	442.4	372.4	338.2	329.2	317.0	299.0	286.3	.....	.....	243.0	.....	.....	.....
Connecticut	196.3	256.1	219.2	212.4	194.3	190.9	155.0	170.0	.....	192.6	160.3	154.1	135.5
Georgia	.....	114.0	96.9	95.9	107.5	105.9	141.7	117.7	102.9	.....	.....	.....	.....
Hawaii Territory	108.0	114.7	141.9	138.5	132.5	141.7	118.5	92.1	102.0	121.5	130.4	.....	.....
Indiana	269.5	230.6	198.7	243.2	199.2	228.0	222.2	187.6	167.9	169.1	164.5	132.3	144.6
Iowa	292.9	281.3	254.0	233.7	251.1	239.6	.....	197.4	167.3	148.9	.....	.....	.....
Kansas	249.0	207.3	185.4	173.9	173.1	175.2	.....	.....	.....	169.4	.....	.....	.....
Kentucky	169.3	194.6	158.3	160.0	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	260.2	290.4	221.3	193.8	192.8	183.6	177.8	182.9	.....	172.7	.....	.....	.....
White	219.1	252.7	178.6	160.4	150.3	137.1	137.8	138.9	.....	133.3	.....	.....	.....
Colored	335.7	359.7	299.6	255.2	270.8	268.9	251.3	263.8	.....	244.9	.....	.....	.....
Maryland	.....	.....	.....	.....	.....	.....	.....	204.0	199.6	.....	.....	.....	.....
White	.....	.....	.....	.....	.....	.....	.....	198.6	184.7	.....	.....	.....	.....
Colored	.....	.....	.....	.....	.....	.....	.....	232.4	278.0	.....	.....	.....	.....
Michigan	299.3	347.3	235.7	240.8	238.5	240.0	218.1	185.2	177.7	163.9	.....	.....	.....
Minnesota	231.4	208.9	180.5	147.5	169.1	152.7	136.8	140.6	121.5	128.5	.....	.....	.....
Mississippi	99.3	105.9	112.8	99.3	108.7	111.8	108.0	127.0	.....	111.1	.....	.....	.....
White	95.1	104.8	114.5	102.0	95.5	95.1	84.1	91.0	.....	82.7	.....	.....	.....
Colored	103.3	107.0	111.5	97.0	117.1	127.2	130.1	159.9	.....	137.0	.....	.....	.....
Nebraska	223.3	194.8	196.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	278.0	361.5	324.4	277.6	276.1	236.9	226.7	214.8	173.5	196.6	.....	.....	.....
New York [1]	297.1	483.7	391.7	338.9	322.0	292.6	257.9	262.4	261.6	237.4	255.2	212.8	249.0
Pennsylvania	301.8	336.9	273.9	248.8	232.3	221.3	196.7	185.9	.....	189.0	164.0	183.0	141.0
Rhode Island	.....	304.2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Dakota	204.0	153.9	129.6	138.8	115.8	142.2	102.0	76.9	117.1	85.3	.....	.....	.....
Tennessee	158.6	149.2	148.0	150.1	125.0	137.9	135.7	128.0	106.4	122.4	.....	.....	.....
White	.....	133.4	125.1	121.5	92.7	122.6	108.5	97.7	83.5	.....	.....	.....	.....
Colored	.....	225.6	258.9	288.9	201.8	211.8	267.2	274.8	217.1	.....	.....	.....	.....
Virginia	188.8	220.4	193.4	202.6	149.3	171.0	156.4	129.5	121.6	.....	.....	.....	.....
White	168.1	202.9	171.4	160.5	134.5	145.4	129.3	121.3	89.1	.....	.....	.....	.....
Colored	241.5	266.3	260.9	312.6	188.0	238.2	227.3	186.9	206.7	.....	.....	.....	.....
DISEASES OF THE RESPIRATORY SYSTEM (97-107)													
Alabama (total)	141.4	287.8	123.1	125.4	102.6	84.7	61.0	37.1	40.7	42.1	.....	.....	.....
White	114.2	236.0	100.9	114.9	84.7	63.1	48.5	24.5	34.3	35.7	.....	.....	.....
Colored	192.5	383.7	165.0	145.1	136.2	125.3	84.5	60.7	52.7	54.1	.....	.....	.....
California	216.6	143.4	152.2	167.2	139.1	98.5	92.1	.....	.....	75.3	.....	.....	.....
Iowa	159.5	174.1	112.7	91.2	82.2	71.3	.....	43.2	35.4	24.7	.....	.....	.....
Kansas	185.4	105.2	135.0	141.2	86.2	50.0	.....	.....	.....	69.9	.....	.....	.....
Kentucky	152.7	311.8	197.6	134.2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	185.4	232.5	126.3	129.2	80.5	65.2	61.8	51.3	.....	56.2	.....	.....	.....
White	145.5	185.6	87.8	97.9	51.1	42.0	49.1	28.9	.....	38.2	.....	.....	.....
Colored	258.6	318.6	197.2	186.7	134.5	107.9	84.9	92.5	.....	89.1	.....	.....	.....
Maryland	.....	.....	.....	.....	.....	.....	.....	56.1	53.2	.....	.....	.....	.....
White	.....	.....	.....	.....	.....	.....	.....	34.7	37.3	.....	.....	.....	.....
Colored	.....	.....	.....	.....	.....	.....	.....	168.6	136.7	.....	.....	.....	.....
Michigan	219.8	253.9	155.5	147.0	130.1	121.8	87.5	42.6	45.4	41.5	.....	.....	.....
Minnesota	153.1	163.9	74.8	83.1	74.2	71.8	49.2	35.0	32.9	26.4	.....	.....	.....
Nebraska	194.8	138.0	131.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	486.9	357.5	203.0	174.1	116.9	101.4	62.7	50.5	45.3	.....	.....	.....	.....
New York [1]	145.8	332.7	185.4	152.6	134.2	109.2	73.6	46.7	48.2	44.2	46.3	42.6	50.3
Pennsylvania	254.2	316.7	184.2	164.4	117.6	99.1	67.1	47.7	.....	.....	.....	.....	.....
Rhode Island	.....	353.6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Dakota	145.1	162.2	98.1	92.0	81.2	75.3	44.9	46.8	55.2	56.9	.....	.....	.....
Tennessee	.....	284.4	157.3	156.7	97.7	74.8	50.1	44.7	50.4	.....	.....	.....	.....
White	.....	206.6	133.9	127.7	83.3	59.0	37.5	36.9	41.5	.....	.....	.....	.....
Colorado	.....	368.6	271.1	267.1	167.7	151.3	110.9	82.5	93.4	.....	.....	.....	.....
Virginia	113.9	145.0	132.6	119.8	79.9	71.8	41.6	35.2	38.4	.....	.....	.....	.....
White	.....	111.9	98.7	97.3	61.4	53.7	30.7	31.0	26.5	.....	.....	.....	.....
Colored	.....	231.6	221.6	178.6	126.2	119.1	70.1	46.3	69.5	.....	.....	.....	.....

[1] Exclusive of New York City.

Monthly State mortality statistics—Continued

State	1928	1929								1928	1927	1926	1925
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.				
PNEUMONIA, ALL FORMS (100, 101)													
Alabama (total)	131.2	261.9	111.6	110.5	97.9	79.8	53.4	32.5	34.8	34.0	32.4	38.8	.....
White	104.4	227.1	93.9	107.2	80.4	60.3	41.3	21.7	28.0	28.0	19.7	30.3	.....
Colored	180.6	366.5	160.6	133.2	129.4	116.0	76.3	52.7	47.5	44.8	55.3	53.9	.....
California	190.5	123.5	135.6	152.5	119.4	83.5	76.9	.....	.....	65.7	.....	.....	.....
Connecticut	118.9	254.7	232.0	142.8	104.5	86.8	54.1	43.8	.....	34.3	40.8	34.7	33.9
Georgia	.....	185.6	97.3	77.6	70.3	46.7	52.4	34.2	24.3	.....	.....	.....	.....
Hawaii Territory	141.7	145.1	254.0	158.7	217.5	202.4	139.4	121.7	157.9	185.6	163.0	.....	.....
Indiana	233.2	270.3	169.5	137.9	83.5	85.6	50.2	24.8	38.2	33.7	29.9	22.6	36.9
Iowa	145.0	155.2	96.1	77.6	71.7	40.2	.....	36.4	26.7	18.9	.....	.....	.....
Kansas	159.1	93.0	113.0	125.8	76.9	41.1	.....	.....	.....	56.5	.....	.....	.....
Kentucky	132.4	285.9	180.3	116.7	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	170.3	215.0	111.6	118.3	68.0	52.5	58.0	43.5	.....	46.5	.....	.....	.....
White	.....	168.8	80.5	88.6	41.4	31.7	45.3	24.2	.....	31.7	.....	.....	.....
Colored	.....	299.7	168.8	173.0	116.8	90.8	81.4	78.8	.....	73.6	.....	.....	.....
Maryland	.....	.....	.....	.....	.....	.....	.....	46.6	45.2	.....	.....	.....	.....
White	.....	.....	.....	.....	.....	.....	.....	27.8	31.2	.....	.....	.....	.....
Colored	.....	.....	.....	.....	.....	.....	.....	145.8	118.5	.....	.....	.....	.....
Michigan	190.3	224.7	136.5	125.2	114.2	105.7	73.4	33.6	33.9	21.3	.....	.....	.....
Minnesota	147.5	156.2	71.4	72.2	68.4	65.3	39.8	28.1	29.4	22.9	.....	.....	.....
Mississippi	142.0	191.4	107.0	110.4	63.2	38.8	26.5	15.1	.....	25.0	.....	.....	.....
White	106.2	171.0	103.8	106.2	48.4	41.4	17.1	13.8	.....	16.5	.....	.....	.....
Colored	175.0	201.3	110.1	114.6	76.8	36.5	35.0	16.4	.....	32.7	.....	.....	.....
Nebraska	179.0	119.6	115.7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	160.5	326.9	187.3	153.8	99.4	91.2	51.6	44.1	37.0	36.4	18.2	19.5	22.2
New York [1]	128.5	297.6	165.8	135.6	116.7	92.4	62.8	37.6	39.3	35.1	34.7	33.8	37.6
North Carolina	151.9	185.2	177.5	130.2	113.5	81.0	.....	.....	.....	93.4	.....	.....	.....
Pennsylvania	228.6	285.1	162.0	142.8	97.7	85.0	52.7	38.9	.....	45.3	45.1	54.1	44.5
Rhode Island	.....	317.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	164.2	140.2	125.2	130.1	90.7	77.1	62.0	37.9	.....	44.2	40.8	.....	.....
South Dakota	117.1	142.2	77.8	85.3	62.2	68.6	34.6	36.8	46.8	43.5	.....	.....	.....
Tennessee	122.4	215.1	146.4	140.7	86.6	66.4	39.4	33.9	41.4	39.5	34.6	.....	.....
White	.....	186.2	125.1	114.7	73.9	53.4	31.7	28.4	34.1	.....	.....	.....	.....
Colored	.....	354.9	249.8	266.8	147.8	129.3	76.8	60.5	79.7	.....	.....	.....	.....
Virginia	98.3	131.2	120.5	104.7	68.0	60.4	36.9	26.5	28.8	.....	.....	.....	.....
White	80.3	101.1	90.3	87.2	50.9	44.9	28.1	24.0	20.2	.....	.....	.....	.....
Colored	145.5	210.1	199.6	150.5	112.8	100.9	59.8	33.1	51.3	.....	.....	.....	.....
Wisconsin	164.3	161.9	120.5	88.9	84.5	78.9	49.0	30.0	29.9	29.9	.....	.....	.....
DISEASES OF THE DIGESTIVE SYSTEM (108-127)													
Alabama (total)	67.6	54.5	51.2	155.6	61.9	106.2	147.5	139.1	107.5	140.5	.....	.....	.....
White	66.6	47.7	46.6	141.6	46.3	101.6	143.4	136.0	100.2	136.7	.....	.....	.....
Colored	69.9	67.2	59.9	182.0	91.3	104.7	155.3	145.0	121.3	147.7	.....	.....	.....
California	103.6	86.3	85.6	91.2	94.5	92.0	103.9	.....	.....	117.5	.....	.....	.....
Hawaii Territory	145.1	222.7	186.8	209.2	198.7	182.2	174.3	180.9	157.9	185.6	134.0	.....	.....
Iowa	62.6	52.9	58.0	73.7	66.6	62.1	.....	68.9	62.1	77.6	.....	.....	.....
Kansas	80.2	67.4	63.9	73.1	84.2	62.9	.....	.....	.....	81.5	.....	.....	.....
Kentucky	67.2	53.0	52.1	55.3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	80.3	70.0	78.2	80.9	78.6	112.3	128.5	122.6	.....	125.0	.....	.....	.....
White	71.8	68.1	76.4	79.3	56.9	87.7	86.7	106.3	.....	105.4	.....	.....	.....
Colored	95.9	73.6	81.5	83.9	118.6	157.6	205.3	152.4	.....	161.0	.....	.....	.....
Maryland	.....	.....	.....	.....	.....	.....	.....	96.2	142.8	.....	.....	.....	.....
White	.....	.....	.....	.....	.....	.....	.....	80.7	134.9	.....	.....	.....	.....
Colored	.....	.....	.....	.....	.....	.....	.....	173.1	236.9	.....	.....	.....	.....
Michigan	90.8	84.4	92.2	82.8	80.6	90.5	89.0	78.2	95.7	95.7	.....	.....	.....
Minnesota	58.4	56.7	59.3	62.3	63.5	67.9	59.0	64.5	64.0	50.2	.....	.....	.....
Nebraska	60.2	72.8	81.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	74.6	72.7	61.1	86.3	76.1	75.8	73.6	74.6	71.8	101.4	61.6	54.4	74.2
New York [1]	73.0	70.9	71.9	74.2	69.9	71.5	62.0	64.7	79.0	79.8	78.4	96.9	118.8
Pennsylvania	72.2	73.3	74.8	73.6	75.0	61.4	62.9	71.5	.....	.....	.....	.....	.....
Rhode Island	.....	88.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Dakota	87.0	46.8	72.2	68.6	58.8	78.6	44.9	58.5	80.3	46.8	.....	.....	.....
Tennessee	.....	44.2	60.4	66.8	70.0	71.1	110.9	171.8	133.2	.....	.....	.....	.....
White	.....	36.3	47.1	60.7	55.1	63.0	142.1	160.7	127.2	.....	.....	.....	.....
Colored	.....	79.8	124.9	96.3	142.1	110.0	104.4	225.4	162.2	.....	.....	.....	.....
Virginia	51.7	35.7	48.1	55.8	52.0	60.4	102.5	104.3	99.7	.....	.....	.....	.....
White	39.8	30.3	38.5	46.1	47.7	36.7	73.8	87.9	87.8	.....	.....	.....	.....
Colored	82.7	49.6	73.3	81.0	63.2	122.4	177.7	147.2	130.7	.....	.....	.....	.....

[1] Exclusive of New York City.

Monthly State mortality statistics—Continued

State	1928	1929								1928	1927	1926	1925
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.				
DIARRHEA AND ENTERITIS UNDER 2 YEARS (113)													
Alabama (total)	13.3	3.9	5.8	7.0	12.4	40.8	64.8	62.7	33.4	65.2	33.3	64.3	37.7
White	13.3	2.8	3.9	10.5	5.8	38.5	65.9	67.3	30.8	68.7	35.0	67.3	.....
Colored	13.2	6.6	10.2	1.3	24.5	44.8	62.7	54.1	38.2	58.0	30.3	59.2	.....
California	18.9	9.6	9.2	8.5	11.2	17.6	23.0	.....	.....	29.4	.....	.....	.....
Connecticut	3.6	5.0	15.9	5.7	5.2	11.5	8.2	.....	.....	3.6	12.6	14.3	15.4
Georgia	.....	2.2	6.9	7.4	12.2	22.8	35.3	29.8	27.6	.....	.....	.....	.....
Indiana	5.2	8.2	6.6	11.9	5.7	7.4	10.3	25.6	47.1	50.4	36.3	71.6	78.0
Iowa	1.9	5.8	1.1	2.9	4.5	2.9	.....	3.9	5.8	8.2	.....	.....	.....
Kansas	8.3	7.7	5.7	12.2	7.3	4.5	.....	.....	.....	6.4	.....	.....	.....
Kentucky	12.5	8.3	8.2	8.3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	3.0	13.9	19.4	26.0	22.4	34.4	49.3	34.4	.....	43.5	.....	.....	.....
White	.....	12.1	17.5	23.3	15.4	21.4	27.0	28.9	.....	31.7	.....	.....	.....
Colored	8.6	17.1	22.7	30.8	35.4	58.2	90.3	44.5	.....	65.1	.....	.....	.....
Michigan	13.3	11.8	19.2	9.0	11.1	12.6	11.4	10.0	23.1	23.9	.....	.....	.....
Minnesota	3.0	2.6	4.3	4.3	3.6	3.9	3.1	2.2	6.5	4.3	.....	.....	.....
Mississippi	8.5	2.6	4.4	7.2	12.2	32.9	56.0	50.0	.....	77.6	.....	.....	.....
White	11.0	2.8	3.1	4.1	14.3	28.9	59.8	49.6	.....	81.3	.....	.....	.....
Colored	6.3	2.5	5.6	10.1	10.4	36.6	105.4	50.4	.....	74.1	.....	.....	.....
Nebraska	3.3	5.0	9.3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	12.6	11.1	7.2	10.2	10.5	7.7	6.4	10.2	17.3	29.0	23.2	43.8	57.2
New York [1]	7.4	9.9	9.6	9.5	7.9	8.7	7.2	6.0	13.9	14.5	14.1	28.6	48.4
North Carolina	30.1	10.4	10.2	4.0	11.2	38.5	.....	.....	.....	29.7	.....	.....	.....
Pennsylvania	15.9	15.1	14.0	15.2	12.3	10.2	8.6	15.6	.....	18.6	18.9	22.7	39.1
South Dakota	8.4	1.7	5.6	6.7	6.9	3.3	1.7	1.7	10.0	6.7	.....	.....	.....
Tennessee	18.4	3.2	3.6	8.9	6.8	10.4	38.9	77.7	53.6	80.5	43.1	.....	.....
White	.....	2.3	3.8	8.0	5.3	7.4	38.7	74.4	55.6	.....	.....	.....	.....
Colored	.....	3.3	3.1	13.8	14.2	24.8	39.8	93.5	44.0	.....	.....	.....	.....
Virginia	7.3	3.7	5.6	5.5	3.3	12.3	37.3	50.3	37.0	.....	.....	.....	.....
White	4.4	3.2	4.2	4.4	3.3	6.3	18.9	41.7	32.9	.....	.....	.....	.....
Colored	14.9	5.0	9.2	8.3	3.4	28.1	85.5	72.8	48.0	.....	.....	.....	.....
Wisconsin	13.6	8.8	15.9	14.4	11.9	14.8	9.5	6.8	8.0	8.8	.....	.....	.....
NEPHRITIS (128, 129)													
Alabama (total)	98.8	85.1	85.6	95.2	91.7	104.3	96.9	95.2	92.9	93.8	.....	.....	.....
White	91.8	72.2	76.0	78.5	79.7	80.6	71.0	84.1	79.2	80.3	.....	.....	.....
Colored	112.1	109.4	103.6	126.6	114.4	149.0	145.8	116.0	118.7	156.9	.....	.....	.....
California	142.7	119.4	128.5	106.5	128.2	106.7	108.7	.....	.....	105.2	.....	.....	.....
Connecticut	61.3	81.1	100.9	67.4	68.2	116.2	54.9	46.6	.....	67.8	.....	.....	.....
Georgia	.....	134.5	134.7	103.1	117.8	111.1	123.1	115.8	111.8	.....	.....	.....	.....
Indiana	96.4	81.6	85.4	100.1	95.0	92.7	74.3	73.8	63.8	77.1	78.5	.....	.....
Iowa	56.3	53.8	56.9	60.1	61.6	58.7	.....	42.2	36.9	46.6	.....	.....	.....
Kansas	122.0	105.9	104.4	98.8	94.8	93.0	.....	.....	.....	94.3	.....	.....	.....
Kentucky	86.7	104.2	84.8	68.7	.....	.....	.....	.....	.....	.....	.....	.....	.....
Louisiana	138.9	116.5	131.7	111.1	112.3	115.9	120.4	99.0	.....	120.2	.....	.....	.....
White	111.9	109.1	115.6	87.6	84.8	79.3	90.6	82.1	.....	94.2	.....	.....	.....
Colored	188.4	130.2	161.2	154.1	162.8	183.3	175.2	130.2	.....	167.9	.....	.....	.....
Maryland	.....	.....	.....	.....	.....	.....	.....	123.9	133.3	.....	.....	.....	.....
White	.....	.....	.....	.....	.....	.....	.....	117.1	127.5	.....	.....	.....	.....
Colored	.....	.....	.....	.....	.....	.....	.....	191.4	154.9	.....	.....	.....	.....
Michigan	82.3	82.1	75.4	74.9	73.4	67.4	72.6	59.8	62.6	68.2	.....	.....	.....
Minnesota	71.4	71.8	56.2	56.7	54.1	49.7	48.7	42.4	39.4	45.9	.....	.....	.....
Mississippi	117.7	102.6	115.0	107.8	112.1	70.3	117.5	106.6	.....	101.9	.....	.....	.....
White	102.0	89.6	97.7	86.9	89.6	101.2	74.1	84.1	.....	81.3	.....	.....	.....
Colored	132.2	114.6	131.1	127.2	128.5	132.7	147.0	127.2	.....	120.6	.....	.....	.....
Nebraska	57.7	60.2	64.8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Jersey	118.9	137.7	125.5	110.6	104.4	102.6	101.3	85.7	78.0	84.7	81.0	79.0	94.1
New York [1]	116.6	137.5	129.1	122.2	124.1	111.0	103.4	91.0	99.3	94.1	99.8	95.2	89.5
Pennsylvania	125.6	143.3	112.5	100.8	102.3	105.8	88.6	83.9	.....	93.3	86.8	93.5	96.9
Rhode Island	.....	141.4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Dakota	63.6	36.8	27.8	36.8	31.1	35.1	36.3	38.5	51.9	31.8	.....	.....	.....
Tennessee	.....	77.2	65.1	78.6	77.3	69.2	71.0	73.9	69.8	.....	.....	.....	.....
White	.....	126.6	57.8	64.7	67.5	62.5	59.8	57.9	60.2	.....	.....	.....	.....
Colored	.....	112.8	100.5	145.8	125.1	101.8	125.1	151.2	115.4	.....	.....	.....	.....
Virginia	112.0	104.7	107.8	109.3	89.8	74.1	91.7	97.4	88.2	.....	.....	.....	.....
White	105.5	92.3	99.4	99.9	79.7	67.0	81.0	88.5	72.7	.....	.....	.....	.....
Colored	129.0	137.3	130.0	134.0	116.2	92.6	119.6	120.8	129.0	.....	.....	.....	.....

[1] Exclusive of New York City.

Monthly State mortality statistics—Continued

State	1928	1929								1928	1927	1926	1925
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.				
PUERPERAL STATE (143–150)													
Alabama (total)	16.5	15.6	17.4	13.9	23.8	23.9	29.0	12.4	25.2	22.9	16.4	15.6	-----
White	14.0	14.7	14.0	13.3	17.4	19.6	20.3	8.4	20.3	15.4	13.8	14.0	-----
Colored	21.1	19.8	26.3	17.1	35.4	31.6	45.0	19.8	34.3	36.9	21.1	18.4	-----
California	14.2	10.1	6.0	9.3	12.8	10.3	7.7	-----	-----	9.1	-----	-----	-----
Connecticut (143–149)	8.8	6.5	16.7	10.0	4.4	5.0	12.6	8.6	-----	10.2	6.7	12.8	4.6
Georgia	-----	18.4	19.1	14.7	14.8	19.5	13.3	13.2	18.0	-----	-----	-----	-----
Indiana	8.9	16.7	9.9	15.9	10.7	12.2	15.3	10.2	11.9	11.1	9.3	11.3	8.7
Iowa	9.7	14.1	9.7	13.1	10.5	8.2	-----	8.2	8.2	5.3	-----	-----	-----
Kansas	13.5	10.3	10.7	14.8	10.6	11.5	-----	-----	-----	22.5	-----	-----	-----
Kentucky	11.1	15.2	11.7	12.9	-----	-----	-----	-----	-----	-----	-----	-----	-----
Louisiana	24.2	24.2	11.4	22.9	25.6	21.1	16.8	21.7	-----	26.6	-----	-----	-----
White	19.6	21.5	10.3	15.8	25.1	16.8	10.6	12.1	-----	18.6	-----	-----	-----
Colored	32.5	29.1	13.3	36.0	26.5	29.1	28.3	39.4	-----	41.1	-----	-----	-----
Maryland	-----	-----	-----	-----	-----	-----	-----	11.7	14.6	-----	-----	-----	-----
White	-----	-----	-----	-----	-----	-----	-----	8.7	13.0	-----	-----	-----	-----
Colored	-----	-----	-----	-----	-----	-----	-----	27.3	22.8	-----	-----	-----	-----
Michigan	12.3	11.8	14.2	17.2	17.2	11.0	13.5	16.9	10.0	12.6	-----	-----	-----
Minnesota	8.7	9.1	8.7	9.1	8.5	5.2	7.2	4.8	5.2	7.8	-----	-----	-----
Nebraska	9.2	15.9	13.0	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
New Jersey	8.0	10.2	8.9	10.2	10.5	10.2	8.9	9.2	10.8	12.0	-----	-----	-----
New York [1]	10.1	11.0	11.4	12.4	4.1	11.2	8.5	8.3	6.8	9.7	11.1	8.1	11.1
Rhode Island	-----	4.9	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
South Dakota	10.2	13.4	14.8	13.4	15.6	6.7	6.9	13.4	11.7	10.0	-----	-----	-----
Tennessee	-----	18.4	12.5	17.4	20.9	16.0	8.3	17.4	15.5	-----	-----	-----	-----
White	-----	17.0	8.2	15.3	20.0	13.6	8.8	15.3	13.1	-----	-----	-----	-----
Colored	-----	24.8	33.5	27.5	25.5	27.5	5.7	27.5	27.5	-----	-----	-----	-----
Virginia	18.3	15.1	16.2	13.3	15.1	17.8	13.7	13.3	13.3	-----	-----	-----	-----
White	12.6	10.7	10.5	10.1	10.5	10.1	11.1	10.7	9.5	-----	-----	-----	-----
Colored	33.1	26.5	31.1	21.5	27.3	38.0	20.5	19.9	23.2	-----	-----	-----	-----

[1] Exclusive of New York City.

COURT DECISION RELATING TO PUBLIC HEALTH

Action of State board of health in refusing permit for tuberculosis hospital upheld.—(New Jersey Supreme Court; Deborah Jewish Consumptive Relief Soc. *v.* State Board of Health, 147 A. 226; decided September 16, 1929.) The Deborah Jewish Consumptive Relief Society applied to the State board of health for a permit to locate in the borough of Hopatcong a hospital for the care of tuberculous persons. The land proposed to be used was ideally situated for the purpose, being several miles from any built-up section and protected from bitter winds. The buildings and sewage-disposal plant contemplated were to be of the latest and most approved design. However, many persons resorted to the borough during the summer, it being a vacation center, and the municipal authorities and many taxpayers protested against the establishment of a tuberculosis hospital because it would tend to bring tuberculosis to those seeking health and refreshment there. After a full hearing, the State board of health denied the application for a permit.

The statutes made provision for a hearing before the State board of health, and the said board was given "the sole authority to grant or refuse its consent and approval to the erection, construction, and establishing of any and all hospitals, sanatoria, preventoria, or other

institutions designed for the care, board, or treatment of any person or persons afflicted with the disease known as pulmonary tuberculosis." The society argued that the board, in passing upon permits, exercised a judicial function and that its action was required to be predicated upon the facts before it at the statutory hearing; that it could only receive and consider such evidence as would be considered in a court of law; and that a landowner had an inherent right to make such use of his land as did not constitute a nuisance. The supreme court sustained the board's denial of a permit, saying as follows:

> It is perhaps a sufficient answer to the whole argument to say that the State board of health is created under the police power of the State to protect the health of the citizens of the State. There is nothing in the record to indicate that the action under review is capricious, or based upon improper motives. The course and communication of disease is not so certainly understood that this court would be justified in saying that the State board of health must grant a permit for the establishment of a tuberculosis sanitarium adjoining a summer vacation center. But the legislature has said that the State board of health shall have the "sole authority to grant or refuse a permit" for the establishment of such a sanitarium. If these words mean anything, they mean that, when there is any reason to justify the action of the board, no other tribunal shall have the power to change the result. There is reason in the record for the action of the State board, and it is immaterial that others may reach a different conclusion.

DEATHS DURING WEEK ENDED NOVEMBER 16, 1929

Summary of information received by telegraph from industrial insurance companies for the week ended November 16, 1929, and corresponding week of 1928. (From the Weekly Health Index, November 20, 1929, issued by the Bureau of the Census, Department of Commerce)

	Week ended Nov. 16, 1929	Corresponding week, 1928
Policies in force	75,088,467	72,210,265
Number of death claims	12,992	12,618
Death claims per 1,000 policies in force, annual rate	9.0	9.1

Deaths from all causes in certain large cities of the United States during the week ended November 16, 1929, infant mortality, annual death rate, and comparison with corresponding week of 1928. (From the Weekly Health Index, November 20, 1929, issued by the Bureau of the Census, Department of Commerce)

City	Week ended Nov. 16, 1929		Annual death rate per 1,000, corresponding week, 1928	Deaths under 1 year		Infant mortality rate, week ended Nov. 16, 1929 [2]
	Total deaths	Death rate [1]		Week ended Nov. 16, 1929	Corresponding week, 1928	
Total (65 cities)	6,562	11.5	12.4	587	665	[3] 51
Albany [4]	38	16.5	18.2	2	4	40
Atlanta	63	12.9	15.8	8	9	83
White	29			4	2	
Colored	34	(5)	(5)	4	7	
Baltimore [4]	203	12.8	14.4	14	25	45
White	151			11	14	44
Colored	52	(5)	(5)	3	11	48
Birmingham	64	15.0	14.1	5	7	45
White	26			2	4	30
Colored	38	(5)	(5)	3	3	60
Boston	194	12.7	15.0	29	17	80
Bridgeport	30			4	0	69
Buffalo	139	13.1	13.5	11	15	47
Cambridge	23	9.6	12.1	0	1	0
Camden	31	12.0	10.8	4	2	69
Canton	14	6.3	4.5	1	2	24
Chicago [4]	657	10.9	11.4	55	69	49
Cincinnati	117			6	11	35
Cleveland	162	8.4	9.4	18	18	53
Columbus	64	11.2	16.6	7	4	66
Dallas	50	12.0	11.5	8	8	
White	43			8	5	
Colored	7	(5)	(5)	0	3	
Dayton	40	11.3	15.6	3	8	43
Denver	71	12.6	16.9	3	18	29
Des Moines	30	10.3	10.7	2	2	36
Detroit	206	10.1	11.6	37	50	50
Duluth	21	9.4	10.7	3	0	72
El Paso	37	16.4	14.6	7	2	
Erie	25			4	4	82
Fall River [4]	29	11.3	11.3	3	1	56
Flint	25	8.8	8.4	2	3	24
Fort Worth	52	15.9	8.0	4	1	
White	43			4	1	
Colored	9	(5)	(5)	0	0	
Grand Rapids	48	15.3	11.1	5	2	76
Houston	54			4	5	
White	36			4	3	
Colored	18	(5)	(5)	0	2	
Indianapolis	101	13.8	15.2	3	6	24
White	78			2	5	19
Colored	23	(5)	(5)	1	1	60
Jersey City	58	9.3	11.1	6	8	46
Kansas City, Kans	21	9.3	13.3	4	0	88
White	16			4	0	101
Colored	5	(5)	(5)	0	0	0
Kansas City, Mo	86	11.5	10.0	6	3	51
Knoxville	25	12.4	13.4	6	4	131
White	18			5	4	122
Colored	7	(5)	(5)	1	0	211
Los Angeles	249			19	16	56
Louisville	66	10.5	14.9	4	7	32
White	52			3	6	28
Colored	14	(5)	(5)	1	1	63
Lowell	32			3	2	68
Lynn	15	7.4	9.9	0	4	0
Memphis	64	17.6	19.2	3	8	35
White	40			2	5	38
Colored	24	(5)	(5)	1	3	31
Milwaukee	92	8.8	10.6	14	16	61
Minneapolis	106	12.2	10.8	7	7	43
Nashville	44	16.5	19.5	6	7	97
White	28			5	7	109
Colored	16	(5)	(5)	1	0	63
New Bedford	25			1	3	21
New Haven	31	8.6	6.4	1	2	15

(Footnotes at end of table)

Deaths from all causes in certain large cities of the United States during the week ended November 16, 1929, infant mortality, annual death rate, and comparison with corresponding week of 1928—Continued

City	Week ended Nov. 16, 1929		Annual death rate per 1,000, corresponding week, 1928	Deaths under 1 year		Infant mortality rate, week ended Nov. 16, 1929 [2]
	Total deaths	Death rate [1]		Week ended Nov. 16, 1929	Corresponding week, 1928	
New Orleans	134	16.3	20.6	13	11	65
White	75			9	5	63
Colored	59	(3)	(3)	4	6	67
New York	1,332	11.6	11.7	106	121	43
Bronx Borough	157	8.6	8.7	14	14	41
Brooklyn Borough	468	10.6	9.5	47	39	48
Manhattan Borough	532	15.9	16.7	32	52	39
Queens Borough	137	8.4	9.1	10	10	41
Richmond Borough	38	13.2	19.1	3	6	54
Newark, N. J	90	9.9	9.3	7	9	37
Oakland	45	8.6	13.5	2	7	22
Oklahoma City	47			4	8	80
Omaha	48	11.3	10.6	4	4	47
Paterson	17	6.1	11.9	2	6	35
Philadelphia	431	10.9	13.1	39	49	55
Pittsburgh	169	13.1	12.2	14	27	48
Portland, Oreg	72			5	2	57
Providence	62	11.3	13.1	6	9	53
Richmond	66	17.8	11.0	5	4	70
White	38			3	3	64
Colored	28	(3)	(3)	2	1	82
Rochester	66	10.5	13.2	7	7	59
St. Louis	225	13.9	13.1	20	7	67
St. Paul	45			4	3	41
Salt Lake City [4]	35	13.3	12.9	1	7	15
San Antonio	49	11.7	11.5	3	9	
San Diego	36			6	7	115
San Francisco	153	13.7	15.9	4	5	35
Schnectady	22	12.3	12.3	1	1	32
Seattle	85	11.6	10.4	6	3	64
Somerville	16	8.1	12.7	2	3	72
Spokane	29	13.9	16.8	2	1	52
Springfield, Mass	24	8.4	9.8	4	1	66
Syracuse	31	8.1	12.6	5	3	60
Tacoma	22	10.4	9.5	3	0	77
Toledo	77	12.9	13.9	9	4	84
Trenton	46	17.3	10.5	6	6	109
Utica	24	12.0	13.5	1	2	25
Washington, D. C	126	11.9	15.1	14	9	82
White	76			6	5	51
Colored	50	(3)	(3)	8	4	152
Waterbury	15			1	2	25
Wilmington, Del	28	11.4	11.4	1	3	26
Worcester	32	8.5	10.6	3	0	38
Yonkers	26	11.2	6.5	2	3	47
Youngstown	22	6.6	11.7	4	4	57

[1] Annual rate per 1,000 population.
[2] Deaths under 1 year per 1,000 births. Cities left blank are not in the registration area for births
[3] Data for 72 cities.
[4] Deaths for week ended Friday.
[5] In the cities for which deaths are shown by color, the colored population in 1920 constituted the following percentages of the total population: Atlanta, 31; Baltimore, 15; Birmingham, 39; Dallas, 15; Fort Worth, 14; Houston, 25; Indianapolis, 11; Kansas City, Kans., 14; Knoxville, 15; Louisville, 17; Memphis, 38; Nashville, 30; New Orleans, 26; Richmond, 32; and Washington, D. C., 25.

PREVALENCE OF DISEASE

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring

UNITED STATES

CURRENT WEEKLY STATE REPORTS

These reports are preliminary and the figures are subject to change when later returns are received by the State health officers

Reports for Weeks Ended November 16, 1929, and November 17, 1928

Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended November 16, 1929, and November 17, 1928

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Nov. 16, 1929	Week ended Nov. 17, 1928	Week ended Nov. 16, 1929	Week ended Nov. 17, 1928	Week ended Nov. 16, 1929	Week ended Nov. 17, 1928	Week ended Nov. 16, 1929	Week ended Nov. 17, 1928
New England States:								
Maine	4	9		2	13	66	0	1
New Hampshire	7	1	11	13	15	13	1	0
Vermont	5	2			4	75	0	0
Massachusetts	168	94	7	5	81	380	3	2
Rhode Island	15	22	1		3	58	0	0
Connecticut	28	25	6	2	2	115	0	0
Middle Atlantic States:								
New York	184	207	[1] 9	[1] 16	183	367	14	21
New Jersey	149	145	3	10	39	78	5	2
Pennsylvania	163	200			340	622	5	1
East North Central States:								
Ohio	94	117	14	18	116	200	5	5
Indiana	50	46		10	7	39	3	0
Illinois	253	226	14	26	180	116	4	9
Michigan	146	95	4	3	138	38	18	4
Wisconsin	29	20	5	51	308	73	3	6
West North Central States:								
Minnesota	33	23	2		38	22	1	0
Iowa	4	19			43		0	0
Missouri	85	84	2	4	16	76	7	7
North Dakota	3	8			26	6	2	1
South Dakota	5	4		1	6	1	0	1
Nebraska	30	46	2		47	2	0	0
Kansas	44	47			39	7	3	0
South Atlantic States:								
Delaware	2	1				1	0	0
Maryland [2]	22	47	16	14	29	28	2	0
District of Columbia	11	73		1	1		0	0
Virginia							2	
West Virginia	42	43	11	4	17	25	0	1
North Carolina	204	188	6		2	31	2	0
South Carolina	48	102	782	1,008		3	0	0
Georgia	31	39	93	100	14	46	7	1
Florida	21	22	1		2		1	0
East South Central States:								
Kentucky	21	49					0	0
Tennessee	59	41	63	25	2		3	1
Alabama	63	109	47	152	20	24	4	0
Mississippi	64	32					0	1
West South Central States:								
Arkansas	18	19	21	102		1	2	2
Louisiana	65	25	14	42	3	29	0	0
Oklahoma [3]	69	136	56	62	8	5	0	0
Texas	164	64	43	43	2	15	1	2
Mountain States:								
Montana	1	3		33	55	49	3	3
Idaho		1			51	5	1	1
Wyoming		7				1	0	0
Colorado	8	31			4	4	3	2
New Mexico	27	4		2			0	0
Arizona	41	10	8		2		9	1
Utah [2]	1	2	3	25	25	2	5	0
Pacific States:								
Washington	13	17		3	22	26	1	4
Oregon	6	20	16	52	19	13	1	0
California	67	109	36	3,192	72	11	6	1

[1] New York City only.
[2] Week ended Friday.
[3] Figures for 1929 are exclusive of Oklahoma City and Tulsa.

Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended November 16, 1929, and November 17, 1928—Continued

Division and State	Poliomyelitis		Scarlet fever		Smallpox		Typhoid fever	
	Week ended Nov. 16, 1929	Week ended Nov. 17, 1928	Week ended Nov. 16, 1929	Week ended Nov. 17, 1928	Week ended Nov. 16, 1929	Week ended Nov. 17, 1928	Week ended Nov. 16, 1929	Week ended Nov. 17, 1928
New England States:								
Maine	0	1	26	23	0	3	1	2
New Hampshire	0	0	39	24	0	0	1	0
Vermont	0	0	5	15	3	0	1	0
Massachusetts	8	0	213	182	0	0	5	12
Rhode Island	0	0	16	17	0	0	2	0
Connecticut	1	1	52	36	0	0	2	0
Middle Atlantic States:								
New York	9	9	296	276	44	2	22	32
New Jersey	0	0	126	74	0	0	7	14
Pennsylvania	1	3	273	252	1	0	33	35
East North Central States:								
Ohio	6	8	252	228	162	14	19	18
Indiana	0	0	104	101	162	7	5	7
Illinois	3	2	456	302	128	26	14	18
Michigan	4	3	237	237	64	26	8	8
Wisconsin	2	1	92	158	25	28	11	5
West North Central States:								
Minnesota	0	9	86	90	4	3	3	2
Iowa	1	2	43	69	33	14	23	0
Missouri	1	1	95	96	25	13	9	24
North Dakota	0	2	15	37	11	0	0	5
South Dakota	0	3	10	11	11	3	0	1
Nebraska	1	0	38	70	16	20	0	1
Kansas	0	1	71	0	52	24	6	8
South Atlantic States:								
Delaware	0	0	2	6	0	0	1	2
Maryland [2]	1	0	64	41	0	0	6	16
District of Columbia	0	2	19	11	0	0	3	2
Virginia	2							
West Virginia	1	4	74	70	8	3	18	20
North Carolina	3	1	145	148	4	5	8	8
South Carolina	2	1	28	19	0	3	20	15
Georgia	1	0	79	42	0	0	5	12
Florida	2	0	11	11	0	0	0	0
East South Central States:								
Kentucky	1	2	74	99	10	0	0	16
Tennessee	3	0	58	52	4	2	13	21
Alabama	2	0	68	53	203	3	6	19
Mississippi	0	0	30	23	0	1	3	10
West South Central States:								
Arkansas	0	0	25	32	2	0	7	14
Louisiana	0	0	23	28	0	5	11	15
Oklahoma [3]	0	0	55	69	7	26	23	33
Texas	0	1	32	38	6	10	7	6
Mountain States:								
Montana	0	2	27	52	16	31	8	1
Idaho	0	0	9	4	4	7	1	0
Wyoming	0	0	3	24	16	10	0	0
Colorado	0	0	18	20	14	2	5	2
New Mexico	1	0	12	11	2	0	8	0
Arizona	1	0	13	1	0	1	8	3
Utah [2]	0	0	5	13	0	13	2	1
Pacific States:								
Washington	2	8	38	49	42	18	10	4
Oregon	1	1	27	24	4	58	1	2
California	3	4	215	148	26	8	10	4

[2] Week ended Friday.

[3] Figures for 1929 are exclusive of Oklahoma City and Tulsa.

SUMMARY OF MONTHLY REPORTS FROM STATES

The following summary of monthly State reports is published weekly and covers only those States from which reports are received during the current week:

State	Meningococcus meningitis	Diphtheria	Influenza	Malaria	Measles	Pellagra	Poliomyelitis	Scarlet fever	Smallpox	Typhoid fever
September, 1929										
Delaware	----	2	5	----	1	----	1	1	0	13
October, 1929										
Delaware	----	11	3	----	3	----	1	16	0	4
Iowa	3	53	1	----	----	----	26	221	100	16
Maryland	2	108	49	1	25	1	2	224	0	101
Massachusetts	9	436	16	----	294	----	32	631	0	37
Michigan	85	463	14	3	454	----	52	702	159	49
New Jersey	17	470	16	----	64	----	9	287	0	36
Ohio	18	407	68	1	576	----	40	831	187	152

September, 1929	Cases
Delaware:	
Chicken pox	1
Undulant fever	1
Whooping cough	3
October, 1929	
Anthrax:	
Massachusetts	1
Chicken pox:	
Delaware	52
Maryland	126
Massachusetts	501
Michigan	776
New Jersey	449
Ohio	1,159
Diarrhea:	
Maryland	29
Diarrhea and enteritis (under 2 years):	
Ohio	63
Dysentery:	
Maryland	25
Michigan	1
New Jersey	2
Ohio	3
Food poisoning:	
Ohio	2
German measles:	
Maryland	8
Massachusetts	22
New Jersey	17
Ohio	9
Impetigo contagiosa:	
Maryland	28
Lead poisoning:	
Massachusetts	12
New Jersey	9
Ohio	17
Lethargic encephalitis:	
Maryland	2
Massachusetts	5
Michigan	2
Ohio	4
Mumps:	
Maryland	28
Massachusetts	222
Michigan	181
Ohio	162
Ophthalmia neonatorum:	
Maryland	1
Massachusetts	114
New Jersey	2
Ohio	71
Paratyphoid fever:	
New Jersey	3
Ohio	3
Puerperal fever:	
Ohio	7
Rabies in animals:	
Maryland	2
Rabies in man:	
Michigan	1
Ohio	1
Septic sore throat:	
Maryland	4
Massachusetts	13
Michigan	19
Ohio	101
Scabies:	
Delaware	6
Maryland	2
Tetanus:	
Maryland	2
Massachusetts	3
Ohio	2
Trachoma:	
Massachusetts	6
New Jersey	2
Ohio	7
Tularaemia:	
Ohio	1
Undulant fever:	
Delaware	1
Iowa	15
Ohio	8
Vincent's angina:	
Maryland	11
Whooping cough:	
Delaware	24
Maryland	222
Massachusetts	462
Michigan	350
New Jersey	447
Ohio	546

ADMISSIONS TO HOSPITALS FOR THE INSANE, APRIL, 1929

Reports for the month of April, 1929, showing new admissions to hospitals for the care and treatment of the insane, have been received by the Public Health Service from 98 hospitals located in 34 States, the District of Columbia, and the Territory of Hawaii.

The 98 hospitals had 79,064 male and 70,567 female patients on April, 1929, the ratio being 112 males per 100 females.

The following table shows the new admissions for the month of April, 1929, by psychoses:

Psychoses	Number of first admissions		
	Male	Female	Total
1. Traumatic psychoses	24	9	33
2. Senile psychoses	106	102	208
3. Psychoses with cerebral arteriosclerosis	186	92	278
4. General paralysis	169	35	204
5. Psychoses with cerebral syphilis	25	8	33
6. Psychoses with Huntington's chorea	4	3	7
7. Psychoses with brain tumor	1	0	1
8. Psychoses with other brain or nervous disease	27	9	36
9. Alcoholic psychoses	101	5	106
10. Psychoses due to drugs and other exogenous toxins	12	8	20
11. Psychoses with pellagra	5	20	25
12. Psychoses with other somatic diseases	40	39	79
13. Manic-depressive psychoses	154	196	350
14. Involution melancholia	21	41	62
15. Dementia præcox (schizophrenia)	253	208	461
16. Paranoia and paranoid conditions	23	26	49
17. Epileptic psychoses	50	41	91
18. Psychoneuroses and neuroses	24	26	50
19. Psychoses with psychopathic personality	17	8	25
20. Psychoses with mental deficiency	59	31	90
21. Undiagnosed psychoses	77	85	162
22. Without psychosis	113	35	148
Total	1,491	1,027	2,518

Fifty-nine and two-tenths per cent of the new admissions were males and 40.8 per cent females, giving a ratio of 145 males per 100 females.

Of the 149,631 patients, 7,679 male and 6,270 females were on parole at the end of the month—9.7 per cent of the male patients, 8.9 per cent of the females, and 9.3 per cent of the total patients being on parole or otherwise absent but still on the books.

Cases of dementia præcox constituted 18.3 per cent of the first admissions; manic-depressive psychoses, 13.9 per cent; psychoses with cerebral arteriosclerosis, 11 per cent; senile psychoses, 8.3 per cent; general paralysis, 8.1 per cent; undiagnosed psychoses, 6.4 per cent, and 5.9 per cent were "without psychosis."

GENERAL CURRENT SUMMARY AND WEEKLY REPORTS FROM CITIES

The 97 cities reporting cases used in the following table are situated in all parts of the country and have an estimated aggregate population of more than 31,535,000. The estimated population of the 90 cities reporting deaths is more than 29,965,000. The estimated expectancy is based on the experience of the last nine years, excluding epidemics.

Weeks ended November 9, 1929, and November 10, 1928

	1929	1928	Estimated expectancy
Cases reported			
Diphtheria:			
46 States	2,273	2,475	
97 cities	948	919	1,204
Measles:			
44 States	1,783	1,726	
97 cities	266	441	
Meningococcus meningitis:			
45 States	90	59	
97 cities	57	39	
Poliomyelitis:			
46 States	46	107	
Scarlet fever:			
46 States	3,452	3,201	
97 cities	1,156	977	931
Smallpox:			
46 States	673	275	
97 cities	53	22	22
Typhoid fever:			
46 States	453	495	
97 cities	54	57	70
Deaths reported			
Influenza and pneumonia:			
90 cities	653	605	
Smallpox:			
90 cities	0	0	

City reports for week ended November 9, 1929

The "estimated expectancy" given for diphtheria, poliomyelitis, scarlet fever, smallpox, and typhoid fever is the result of an attempt to ascertain from previous occurrence the number of cases of the disease under consideration that may be expected to occur during a certain week in the absence of epidemics. It is based on reports to the Public Health Service during the past nine years. It is in most instances the median number of cases reported in the corresponding weeks of the preceding years. When the reports include several epidemics, or when for other reasons the median is unsatisfactory, the epidemic periods are excluded and the estimated expectancy is the mean number of cases reported for the week during nonepidemic years.

If the reports have not been received for the full nine years, data are used for as many years as possible, but no year earlier than 1920 is included. In obtaining the estimated expectancy, the figures are smoothed when necessary to avoid abrupt deviation from the usual trend. For some of the diseases given in the table the available data were not sufficient to make it practicable to compute the estimated expectancy.

Division, State, and city	Population, July 1, 1928, estimated	Chicken pox, cases reported	Diphtheria		Influenza		Measles, cases reported	Mumps, cases reported	Pneumonia, deaths reported
			Cases, estimated expectancy	Cases reported	Cases reported	Deaths reported			
NEW ENGLAND									
Maine:									
Portland	78,600	8	2	0		0	1	1	0
New Hampshire:									
Concord	(1)	0	0	0		0	0	0	1
Manchester	85,700	0	2	0		0	0	0	4
Nashua	(1)	0	1	0		0	0	0	1
Vermont:									
Barre	(1)	0	0	0		0	0	0	0
Massachusetts:									
Boston	799,200	67	30	29	1	1	5	52	27
Fall River	134,300	6	4	2		0	0	0	3
Springfield	149,800	38	4	3		0	2	0	2
Worcester	197,600	28	6	4		0	1	0	3
Rhode Island:									
Pawtucket	73,100	2	1	1		0	0	0	1
Providence	286,300	5	11	12		1	0	0	8
Connecticut:									
Bridgeport	(1)	4	8	1		0	0	0	1
Hartford	172,300	8	6	0		0	0	1	3
New Haven	187,900	6	2	1		0	0	2	4

[1] No estimate of population made.

City reports for week ended November 9, 1929—Continued

Division, State, and city	Population, July 1, 1928, estimated	Chicken pox, cases reported	Diphtheria		Influenza		Measles, cases reported	Mumps, cases reported	Pneumonia, deaths reported
			Cases, estimated expectancy	Cases reported	Cases reported	Deaths reported			
MIDDLE ATLANTIC									
New York:									
Buffalo	555,800	37	16	24		0	3	3	20
New York	6,017,500	75	168	78	10	10	10	33	138
Rochester	328,200	7	6	2		0	2	1	1
Syracuse	199,300	16	8	0		0	0	58	3
New Jersey:									
Camden	135,400	11	9	5		0	0	0	2
Newark	473,600	40	15	33	2	0	0	12	3
Trenton	139,000	4	3	0		0	1	0	5
Pennsylvania:									
Philadelphia	2,064,200	84	71	31	6	5	7	20	44
Pittsburgh	673,800	57	35	40	1	2	17	3	20
Reading	115,400	16	3	2		0	1	1	3
EAST NORTH CENTRAL									
Ohio:									
Cincinnati	413,700	13	16	10		0	0	0	6
Cleveland	1,010,300	112	57	19	5	1	5	10	14
Columbus	299,000	35	14	0		0	0	0	2
Toledo	313,200	113	16	5		0	90	4	2
Indiana:									
Fort Wayne	105,300	3	4	0		0	0	0	0
Indianapolis	382,100	38	14	5		1	3	0	15
South Bend	86,100	9	3	2		0	1	0	0
Terre Haute	73,500	0	3	0		0	0	0	0
Illinois:									
Chicago	3,157,400	137	105	176	6	8	15	13	54
Springfield	67,200	8	2	0	1	0	0	0	1
Michigan:									
Detroit	1,378,900	97	71	83	2	1	45	30	18
Flint	148,800	18	10	2		0	0	0	1
Grand Rapids	164,200	11	5	0		0	1	0	4
Wisconsin:									
Kenosha	56,500	10	3	0		0	0	0	0
Madison	50,500	7	2	0			4	7	
Milwaukee	544,200	123	26	7	1	1	1	5	5
Racine	74,400	8	3	0		0	0	0	0
Superior	(1)	0	1	1		0	35	0	3
WEST NORTH CENTRAL									
Minnesota:									
Duluth	116,800	13	1	0		0	1	0	3
Minneapolis	455,900	113	34	13		0	38	16	11
St. Paul	(1)	23	12	5		0	0	18	5
Iowa:									
Davenport	(1)	0	2	0			1	0	
Des Moines	151,900	0	4	1			0	0	
Sioux City	80,000	8	3	1			0	2	
Waterloo	37,100	33	0	0			5	2	
Missouri:									
Kansas City	391,000	29	11	6		1	1	0	9
St. Joseph	78,500	2	2	2		0	0	0	0
St. Louis	848,100	6	40	42			1	4	
North Dakota:									
Fargo	(1)		0						
Grand Forks	(1)	14	0	0			0	0	
South Dakota:									
Aberdeen	(1)	11	0	0			0	3	
Sioux Falls	(1)	0	0	0			0	0	
Nebraska:									
Omaha	222,800	19	12	26		0	2	0	4
Kansas:									
Topeka	62,800	11	3	1	2	0	0	2	4
Wichita	90,300	13	4	7		0	1	0	0

[1] No estimate of population made.

City reports for week ended November 9, 1929—Continued

Division, State, and city	Population, July 1, 1928, estimated	Chicken pox, cases reported	Diphtheria		Influenza		Measles, cases reported	Mumps, cases reported	Pneumonia, deaths reported
			Cases, estimated expectancy	Cases reported	Cases reported	Deaths reported			
SOUTH ATLANTIC									
Delaware:									
Wilmington	128,500	2	3	1	-------	0	0	0	6
Maryland:									
Baltimore	830,400	44	31	8	4	0	2	8	27
Cumberland	(1)	0	1	0	-------	0	0	0	0
Frederick	(1)	0	1	0	-------	0	0	0	1
District of Columbia:									
Washington	552,000	6	23	9	-------	0	1	0	13
Virginia:									
Lynchburg	38,600	15	5	2	-------	0	0	3	1
Norfolk	184,200	1	3	5	-------	0	0	0	4
Richmond	194,400	2	24	14	-------	0	0	0	5
Roanoke	64,600	0	8	4	-------	0	0	0	2
West Virginia:									
Charleston	55,200	15	3	5	-------	0	0	0	1
Wheeling	(1)	4	3	0	-------	0	1	0	1
North Carolina:									
Raleigh	(1)	1	3	4	-------	0	0	0	0
Wilmington	39,100	4	1	4	-------	0	0	0	1
Winston-Salem	80,000	8	6	5	-------	0	0	8	2
South Carolina:									
Charleston	75,900	0	2	0	13	0	0	2	2
Columbia	50,600	2	2	1	-------	0	0	0	1
Georgia:									
Atlanta	255,100	0	10	5	46	1	1	1	6
Brunswick	(1)	0	0	0	-------	0	0	0	0
Savannah	99,900	2	3	3	2	0	0	0	1
Florida:									
Miami	156,700	0	1	9	-------	0	0	1	2
St. Petersburg	53,300	-------	0	-------	-------	0	-------	-------	-------
Tampa	113,400	2	3	2	-------	1	0	2	3
EAST SOUTH CENTRAL									
Kentucky:									
Covington	59,000	4	2	2	-------	0	0	0	0
Tennessee:									
Memphis	190,200	1	11	9	-------	4	0	0	3
Nashville	139,600	2	6	1	-------	0	0	0	2
Alabama:									
Birmingham	222,400	0	8	14	3	1	1	0	6
Mobile	69,600	0	2	3	1	0	0	0	1
Montgomery	63,100	0	3	3	1	-------	0	0	-------
WEST SOUTH CENTRAL									
Arkansas:									
Fort Smith	(1)	0	2	1	-------	-------	0	0	-------
Little Rock	79,200	2	3	2	-------	0	0	0	1
Louisiana:									
New Orleans	429,400	0	13	15	2	3	0	0	11
Shreveport	81,300	2	2	1	-------	0	0	1	3
Oklahoma:									
Tulsa	170,500	11	6	12	-------	-------	1	1	-------
Texas:									
Dallas	217,900	3	17	54	-------	0	0	0	3
Fort Worth	170,600	3	6	19	-------	1	0	0	3
Galveston	50,600	0	0	1	-------	0	0	0	0
Houston	(1)	1	7	38	-------	0	1	0	7
San Antonio	218,100	2	4	14	-------	0	0	0	7
MOUNTAIN									
Montana:									
Billings	(1)	1	0	0	-------	0	1	12	0
Great Falls	(1)	10	0	0	-------	0	3	6	1
Helena	(1)	0	0	0	-------	0	0	3	1
Missoula	(1)	1	0	0	-------	0	0	0	1
Idaho:									
Boise	(1)	5	0	0	1	0	0	1	1

[1] No estimate of population made.

City reports for week ended November 9, 1929—Continued

Division, State, and city	Population, July 1, 1928, estimated	Chicken pox, cases reported	Diphtheria		Influenza		Measles, cases reported	Mumps, cases reported	Pneumonia, deaths reported
			Cases estimated expectancy	Cases reported	Cases reported	Deaths reported			
MOUNTAIN—continued									
Colorado:									
Denver	294,200	46	17	5	1	0	1	7	7
Pueblo	44,200	4	4	0	-------	0	1	0	1
New Mexico:									
Albuquerque	(1)	1	0	0	-------	0	0	0	0
Utah:									
Salt Lake City	138,000	22	4	2	-------	0	1	13	3
Nevada:									
Reno	(1)	0	0	0	-------	0	0	0	0
PACIFIC									
Washington:									
Seattle	383,200	39	6	0	-------	-------	1	18	-------
Spokane	109,100	12	3	0	2	-------	0	0	-------
Tacoma	110,500	34	3	1	-------	0	1	0	2
Oregon:									
Portland	(1)	47	11	2	2	1	4	5	8
Salem	(1)	4	0	0	-------	0	0	4	0
California:									
Los Angeles	(1)	33	49	22	30	4	3	20	13
Sacramento	75,700	5	3	1	-------	0	0	15	4
San Francisco	585,300	44	18	16	3	1	42	342	

Division, State, and city	Scarlet fever		Smallpox			Tuberculosis, deaths reported	Typhoid fever			Whooping cough, cases reported	Deaths, all causes
	Cases, estimated expectancy	Cases reported	Cases, estimated expectancy	Cases reported	Deaths reported		Cases, estimated expectancy	Cases reported	Deaths reported		
NEW ENGLAND											
Maine:											
Portland	1	9	0	0	0	0	1	0	0	0	22
New Hampshire:											
Concord	1	0	0	0	0	0	0	0	0	0	7
Manchester	1	0	0	0	0	0	0	0	0	0	17
Nashua	0	0	0	0	0	0	0	0	0	0	9
Vermont:											
Barre	0	0	0	1	0	0	0	0	0	0	1
Massachusetts:											
Boston	40	70	0	0	0	15	2	0	0	27	202
Fall River	3	1	0	0	0	0	0	0	0	0	28
Springfield	6	5	0	0	0	0	0	0	0	14	30
Worcester	9	6	0	0	0	1	0	1	0	4	57
Rhode Island:											
Pawtucket	0	1	0	0	0	1	0	0	0	1	22
Providence	7	16	0	0	0	3	0	1	0	10	61
Connecticut:											
Bridgeport	7	4	0	0	0	2	0	0	0	2	23
Hartford	5	9	0	0	0	1	0	0	0	1	30
New Haven	5	2	0	0	0	2	0	3	0	7	47
MIDDLE ATLANTIC											
New York:											
Buffalo	17	33	0	0	0	5	0	0	0	7	131
New York	101	67	0	0	0	91	18	10	3	45	1,310
Rochester	5	4	0	1	0	0	1	0	0	6	60
Syracuse	7	2	0	0	0	1	0	1	0	19	32
New Jersey:											
Camden	6	3	0	0	0	0	0	1	0	0	32
Newark	12	8	0	0	0	9	0	0	0	52	94
Trenton	2	8	0	0	0	2	1	1	1	2	40
Pennsylvania:											
Philadelphia	58	60	0	0	0	24	5	1	1	34	491
Pittsburgh	39	26	0	0	0	11	1	2	1	16	204
Reading	2	0	0	0	0	0	0	0	0	4	34

[1] No estimate of population made.

City reports for week ended November 9, 1929—Continued

Division, State, and city	Scarlet fever		Smallpox			Tuberculosis, deaths reported	Typhoid fever			Whooping cough, cases reported	Deaths, all causes
	Cases, estimated expectancy	Cases reported	Cases, estimated expectancy	Cases reported	Deaths reported		Cases, estimated expectancy	Cases reported	Deaths reported		
EAST NORTH CENTRAL											
Ohio:											
Cincinnati	13	21	0	1	0	10	0	4	0	3	135
Cleveland	26	41	0	0	0	5	2	1	0	48	207
Columbus	9	4	0	0	0	6	0	0	0	7	65
Toledo	10	12	0	0	0	2	1	0	0	12	59
Indiana:											
Fort Wayne	2	0	0	16	0	0	0	1	1	0	28
Indianapolis	13	14	2	1	0	2	0	0	0	6	94
South Bend	4	5	0	0	0	0	0	0	0	0	15
Terre Haute	4	0	1	0	0	2	0	0	0	0	39
Illinois:											
Chicago	88	247	1	0	0	44	5	1	0	74	676
Springfield	3	0	0	0	0	4	0	0	0	4	28
Michigan:											
Detroit	67	83	1	1	0	31	2	2	1	27	283
Flint	11	8	0	5	0	2	0	0	0	1	25
Grand Rapids	9	7	0	0	0	1	0	0	0	5	34
Wisconsin:											
Kenosha	1	1	0	0	0	0	0	0	0	7	5
Madison	1	0	0	0	0	0	0	0	0	10	------
Milwaukee	18	22	1	0	0	6	0	0	0	40	112
Racine	4	8	0	0	0	0	1	0	0	8	9
Superior	2	1	0	0	0	0	0	0	0	0	10
WEST NORTH CENTRAL											
Minnesota:											
Duluth	9	5	0	0	0	0	0	0	0	10	25
Minneapolis	44	10	0	0	0	1	1	0	0	10	92
St. Paul	19	17	2	0	0	1	1	1	0	8	58
Iowa:											
Davenport	0	0	0	2	------	------	0	0	------	0	------
Des Moines	11	11	1	3	------	------	0	0	------	0	20
Sioux City	3	0	0	0	------	------	0	0	------	2	------
Waterloo	2	1	0	8	------	------	0	0	------	2	------
Missouri:											
Kansas City	12	23	0	1	0	7	1	0	1	11	94
St. Joseph	3	2	0	3	0	1	0	0	0	1	23
St. Louis	34	19	0	0	0	12	3	5	0	9	181
North Dakota:											
Fargo	2	------	0	------	------	------	0	------	------	------	------
Grand Forks	1	0	0	5	------	------	0	0	------	0	------
South Dakota:											
Aberdeen	0	0	0	0	------	------	0	0	------	1	------
Sioux Falls	3	0	0	0	------	------	0	0	------	0	9
Nebraska:											
Omaha	5	2	1	3	0	1	1	0	0	1	44
Kansas:											
Topeka	4	8	1	0	0	0	0	0	0	3	13
Wichita	6	4	0	0	0	2	1	0	0	0	35
SOUTH ATLANTIC											
Delaware:											
Wilmington	4	0	0	0	0	0	0	0	0	3	27
Maryland:											
Baltimore	16	32	0	0	0	14	3	2	0	24	188
Cumberland	1	0	0	0	0	0	0	0	0	0	8
Frederick	0	0	0	0	0	0	0	0	0	4	2
District of Columbia:											
Washington	17	12	0	0	0	10	2	1	1	8	135
Virginia:											
Lynchburg	1	0	0	0	0	0	0	0	0	31	8
Norfolk	3	5	0	0	0	2	0	0	0	1	------
Richmond	9	8	0	0	0	6	0	2	0	0	58
Roanoke	3	3	0	0	0	1	0	0	0	0	21
West Virginia:											
Charleston	2	3	0	0	0	0	0	0	0	7	15
Wheeling	2	0	0	0	0	0	0	0	0	1	9
North Carolina:											
Raleigh	2	1	0	0	0	2	0	0	0	0	8
Wilmington	1	2	1	0	0	0	0	0	0	0	17
Winston-Salem	5	2	0	0	0	3	0	0	1	2	1

City reports for week ended November 9, 1929—Continued

Division, State, and city	Scarlet fever		Smallpox			Tuberculosis, deaths reported	Typhoid fever			Whooping cough, cases reported	Deaths, all causes
	Cases, estimated expectancy	Cases reported	Cases, estimated expectancy	Cases reported	Deaths reported		Cases, estimated expectancy	Cases reported	Deaths reported		
SOUTH ATLANTIC—continued											
South Carolina:											
Charleston	1	2	0	0	0	1	1	0	0	0	22
Columbia	2	0	0	0	0	2	0	0	0	0	26
Georgia:											
Atlanta	7	18	1	0	0	3	0	1	0	10	77
Brunswick	0	0	0	0	0	1	0	0	0	0	5
Savannah	1	5	0	0	0	1	0	1	0	0	23
Florida:											
Miami	1	0	0	0	0	0	0	1	0	1	21
St. Petersburg	0	----	0	----	0	1	0	----	0	----	6
Tampa	1	1	0	0	0	1	0	0	0	2	24
EAST SOUTH CENTRAL											
Kentucky:											
Covington	3	1	0	0	0	2	0	0	1	0	24
Tennessee:											
Memphis	6	5	0	0	0	4	2	2	0	2	54
Nashville	4	2	0	0	0	3	2	1	2	0	55
Alabama:											
Birmingham	4	15	0	0	0	7	0	0	1	0	80
Mobile	1	1	0	0	0	0	0	0	0	0	24
Montgomery	0	2	0	0	----	----	0	0	----	0	----
WEST SOUTH CENTRAL											
Arkansas:											
Fort Smith	0	10	0	0	----	----	1	0	----	0	----
Little Rock	2	1	0	1	0	0	0	0	0	1	----
Louisiana:											
New Orleans	6	11	0	0	0	22	2	2	1	0	149
Shreveport	2	7	0	0	0	0	1	0	0	0	22
Oklahoma:											
Tulsa	2	7	0	0	----	----	0	0	----	6	----
Texas:											
Dallas	7	5	0	0	0	0	2	1	0	0	51
Fort Worth	2	7	0	0	0	1	0	3	0	0	37
Galveston	0	0	0	1	0	1	0	0	0	0	12
Houston	3	5	0	0	0	5	0	0	0	0	60
San Antonio	2	1	0	0	0	6	1	0	0	0	74
MOUNTAIN											
Montana:											
Billings	0	2	0	0	0	0	0	0	0	0	6
Great Falls	1	16	1	0	0	1	0	0	0	0	7
Helena	0	0	0	0	0	1	0	1	2	0	13
Missoula	1	2	0	1	0	0	0	0	0	0	5
Idaho:											
Boise	0	1	0	0	0	1	0	0	0	0	3
Colorado:											
Denver	9	11	0	1	0	3	0	1	1	10	70
Pueblo	1	0	0	0	0	0	1	0	0	0	6
New Mexico:											
Albuquerque	1	1	0	0	0	3	0	0	0	0	4
Utah:											
Salt Lake City	2	7	1	0	0	2	1	0	0	15	36
Nevada:											
Reno	1	2	0	0	0	0	0	0	0	0	4
PACIFIC											
Washington:											
Seattle	8	11	2	2	----	----	1	1	----	9	----
Spokane	8	4	2	4	----	----	0	1	----	1	----
Tacoma	2	2	2	0	0	0	0	0	0	4	24
Oregon:											
Portland	9	4	4	3	0	4	1	0	0	1	88
Salem	1	0	0	0	0	0	0	0	0	1	----
California:											
Los Angeles	20	29	2	0	0	20	2	0	1	20	271
Sacramento	3	7	0	0	0	0	0	0	0	1	28
San Francisco	13	20	0	2	0	15	1	1	0	8	146

City reports for week ended November 9, 1929—Continued

Division, State, and city	Meningococcus meningitis		Lethargic encephalitis		Pellagra		Poliomyelitis (infantile paralysis)		
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases, estimated expectancy	Cases	Deaths
NEW ENGLAND									
Maine:									
Portland	0	1	1	0	0	0	0	0	0
Massachusetts:									
Boston	0	0	0	0	0	0	2	1	1
Connecticut:									
Hartford	1	0	0	0	0	0	0	0	0
MIDDLE ATLANTIC									
New York:									
Buffalo	0	1	0	0	0	0	0	0	0
New York	7	4	4	3	0	0	8	0	0
Rochester	0	0	0	0	0	0	0	3	1
New Jersey:									
Newark	1	0	0	0	0	0	0	1	0
Trenton	1	0	0	0	0	0	0	0	0
Pennsylvania:									
Philadelphia	4	2	1	0	0	0	0	1	0
Pittsburgh	2	2	0	0	0	0	0	0	0
EAST NORTH CENTRAL									
Ohio:									
Cincinnati	0	0	0	0	0	0	0	2	0
Cleveland	3	2	0	0	0	0	1	0	0
Columbus	2	2	0	0	0	0	0	0	0
Toledo	0	1	0	0	0	0	0	0	0
Indiana:									
Indianapolis	0	2	0	0	0	0	0	0	0
Illinois:									
Chicago	3	1	1	0	0	0	1	1	1
Michigan:									
Detroit	10	8	0	1	0	0	0	2	1
Wisconsin:									
Milwaukee	1	0	0	0	0	0	0	0	0
WEST NORTH CENTRAL									
Minnesota:									
Minneapolis	0	0	0	0	0	0	0	1	0
Iowa:									
Des Moines	0	0	0	0	0	0	0	4	0
Sioux City	0	0	0	0	0	0	0	1	0
Missouri:									
St. Joseph	0	1	0	0	0	0	0	0	0
St. Louis	5	1	0	0	0	0	1	0	0
Nebraska:									
Omaha	1	0	0	0	0	0	0	0	0
SOUTH ATLANTIC									
Maryland:									
Baltimore	1	0	1	1	0	0	1	1	0
District of Columbia:									
Washington	2	0	0	0	0	0	0	0	0
Virginia:									
Richmond	0	0	0	0	0	1	0	1	0
North Carolina:									
Raleigh	0	0	0	0	2	0	0	0	0
Winston-Salem	0	0	0	0	1	0	0	0	0
South Carolina:									
Charleston	0	0	0	0	4	0	0	0	0
Columbia	1	0	0	0	0	1	0	0	0
Georgia:									
Atlanta	5	1	0	0	2	1	0	0	0
Savannah [1]	1	1	0	0	1	1	0	0	0
Florida: [1]									
Tampa	0	0	0	0	1	0	1	0	0

[1] Typhus fever, 2 cases: 1 case at Savannah, Ga., and 1 case at Miami, Fla.

City reports for week ended November 9, 1929—Continued

Division, State, and city	Meningococcus meningitis		Lethargic encephalitis		Pellagra		Poliomyelitis (infantile paralysis)		
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases, estimated expectancy	Cases	Deaths
EAST SOUTH CENTRAL									
Kentucky:									
Covington	0	0	0	0	0	0	0	1	0
Alabama:									
Birmingham	0	1	1	0	2	0	0	0	0
WEST SOUTH CENTRAL									
Louisiana:									
New Orleans	0	0	0	0	1	1	0	0	0
Shreveport	0	0	0	1	0	0	0	0	0
Texas:									
Dallas	1	1	0	0	2	1	0	0	0
Fort Worth	0	0	0	0	0	3	0	0	0
Houston	0	0	0	0	0	1	0	0	0
MOUNTAIN									
Colorado:									
Pueblo	1	0	0	0	0	0	0	0	0
Utah:									
Salt Lake City	4	1	0	0	0	0	0	0	0
PACIFIC									
Oregon:									
Portland	1	0	0	0	0	0	0	1	1
California:									
Los Angeles	0	2	0	0	0	0	0	0	0
San Francisco	0	1	1	1	0	0	0	0	0

The following table gives the rates per 100,000 population for 98 cities for the 5-week period ended November 9, 1929, compared with those for a like period ended November 10, 1928. The population figures used in computing the rates are approximate estimates, authoritative figures for many of the cities not being available. The 98 cities reporting cases have an estimated aggregate population of more than 31,000,000. The 91 cities reporting deaths have nearly 30,000,000 estimated population. The number of cities included in each group and the estimated aggregate populations are shown in a separate table below.

Summary of weekly reports from cities, October 6 to November 9, 1929—Annual rates per 100,000 population, compared with rates for the corresponding period of 1928 [1]

DIPHTHERIA CASE RATES

	Week ended—									
	Oct. 12, 1929	Oct. 13, 1928	Oct. 19, 1929	Oct. 20, 1928	Oct. 26, 1929	Oct. 27, 1928	Nov. 2, 1929	Nov. 3, 1928	Nov. 9, 1929	Nov. 10, 1928
98 cities	112	117	136	[2] 126	134	131	144	140	[3] 157	153
New England	95	124	129	145	111	156	115	90	120	122
Middle Atlantic	75	83	88	84	86	99	99	110	104	109
East North Central	139	111	155	[2] 133	163	154	168	169	194	169
West North Central	123	137	167	127	137	158	160	145	[3] 200	211
South Atlantic	139	210	180	241	139	186	144	231	126	200
East South Central	231	231	170	231	183	168	204	196	217	238
West South Central	265	211	352	199	411	174	451	223	498	270
Mountain	0	44	70	62	26	27	17	71	61	71
Pacific	62	79	90	72	125	67	115	64	100	79

[1] The figures given in this table are rates per 100,000 population, annual basis, and not the number of cases reported. Populations used are estimated as of July 1, 1929 and 1928, respectively.
[2] South Bend, Ind., not included.
[3] Fargo, N. Dak., not included.

Summary of weekly reports from cities, October 6 to November 9, 1929—Annual rates per 100,000 population, compared with rates for the corresponding period of 1928—Continued

MEASLES CASE RATES

	Week ended—									
	Oct. 12, 1929	Oct. 13, 1928	Oct. 19, 1929	Oct. 20, 1928	Oct. 26, 1929	Oct. 27, 1928	Nov. 2, 1929	Nov. 3, 1928	Nov. 9, 1929	Nov. 10, 1928
98 cities	22	32	30	[1] 40	30	53	38	59	[1] 44	74
New England	16	69	59	179	29	244	27	338	20	402
Middle Atlantic	12	27	17	20	21	25	33	33	20	43
East North Central	29	31	40	[2] 24	47	41	40	39	68	57
West North Central	23	49	31	76	21	49	52	68	[3] 95	43
South Atlantic	9	40	9	34	9	69	15	46	9	59
East South Central	14	7	0	14	20	0	0	7	7	0
West South Central	4	0	4	0	16	8	0	8	4	8
Mountain	61	53	52	71	26	124	244	80	61	177
Pacific	67	18	75	41	65	43	60	15	117	43

SCARLET FEVER CASE RATES

98 cities	115	113	138	[1] 111	138	115	156	125	[1] 191	165
New England	163	138	174	152	163	117	179	131	278	175
Middle Atlantic	48	58	69	69	75	57	89	69	102	95
East North Central	173	153	214	[2] 137	192	151	226	172	294	233
West North Central	140	180	173	139	173	215	160	198	[3] 177	254
South Atlantic	139	142	127	124	174	113	139	117	167	153
East South Central	122	154	231	133	109	126	204	147	177	161
West South Central	134	97	107	73	154	77	154	138	158	178
Mountain	148	80	157	89	235	62	226	62	357	89
Pacific	90	97	117	151	107	179	187	148	182	169

SMALLPOX CASE RATES

98 cities	7	1	12	[1] 3	10	2	13	1	[1] 9	4
New England	0	0	0	0	0	2	0	0	2	0
Middle Atlantic	1	0	0	0	0	0	0	[4] 0	0	0
East North Central	3	2	7	[2] 3	12	3	20	0	15	7
West North Central	13	0	21	2	31	2	42	2	[3] 29	6
South Atlantic	0	0	0	0	0	0	0	2	0	0
East South Central	0	0	0	0	0	0	14	7	0	0
West South Central	4	4	0	0	0	4	28	4	8	4
Mountain	96	9	122	62	52	0	61	0	17	9
Pacific	35	5	87	10	52	15	30	5	20	15

TYPHOID FEVER CASE RATES

98 cities	26	22	18	[1] 18	15	19	11	13	[1] 9	10
New England	16	16	9	7	16	16	7	7	11	9
Middle Atlantic	10	20	8	23	8	18	8	11	8	7
East North Central	8	11	10	[2] 7	7	10	6	5	6	5
West North Central	8	16	25	10	6	14	17	18	[3] 12	4
South Atlantic	26	38	24	40	21	44	13	34	13	17
East South Central	27	63	68	42	48	63	34	42	20	42
West South Central	28	28	16	8	43	24	20	20	12	41
Mountain	749	89	192	53	200	27	78	18	17	27
Pacific	7	26	20	13	5	13	2	5	7	3

[1] South Bend, Ind., not included.

[2] Fargo, N. Dak., not included.

Summary of weekly reports from cities, October 6 to November 9, 1929—Annual rates per 100,000 population, compared with rates for the corresponding period of 1928—Continued

INFLUENZA DEATH RATES

	Week ended—									
	Oct. 12, 1929	Oct. 13, 1928	Oct. 19, 1929	Oct. 20, 1928	Oct. 26, 1929	Oct. 27, 1928	Nov. 2, 1929	Nov. 3, 1928	Nov. 9, 1929	Nov. 10, 1928
91 cities	8	7	8	[3] 10	9	11	11	10	[4] 8	13
New England	0	9	2	2	0	5	2	2	5	5
Middle Atlantic	8	4	6	7	12	8	9	5	8	12
East North Central	8	7	9	[3] 7	10	5	9	10	8	9
West North Central	3	3	9	12	3	12	6	12	[3] 3	3
South Atlantic	11	4	9	6	4	10	19	11	4	8
East South Central	22	15	7	46	22	8	30	31	37	38
West South Central	16	29	16	21	20	12	28	25	12	37
Mountain	26	9	17	62	17	44	26	18	0	27
Pacific	7	17	7	27	3	54	3	27	16	40

PNEUMONIA DEATH RATES

91 cities	80	81	97	[3] 105	108	89	106	88	[3] 105	94
New England	75	64	97	126	63	74	75	90	120	80
Middle Atlantic	87	94	118	124	144	92	113	83	115	105
East North Central	65	67	81	[3] 87	91	78	101	78	78	77
West North Central	54	64	69	77	72	61	135	107	[3] 110	98
South Atlantic	103	96	81	115	112	117	116	96	137	75
East South Central	59	92	111	92	133	130	155	115	89	169
West South Central	118	79	93	75	89	83	110	121	130	92
Mountain	122	115	122	62	122	124	131	97	131	97
Pacific	59	54	85	98	46	98	33	87	75	125

[3] South Bend, Ind., not included.

[4] Fargo, N. Dak., not included.

Number of cities included in summary of weekly reports and aggregate population of cities of each group, approximated as of July 1, 1929 and 1928, respectively

Groups of cities	Number of cities reporting cases	Number of cities reporting deaths	Aggregate population of cities reporting cases		Aggregate population of cities reporting deaths	
			1929	1928	1929	1928
Total	98	91	31,568,400	31,052,700	29,995,100	29,498,600
New England	12	12	2,305,100	2,273,900	2,305,100	2,273,900
Middle Atlantic	10	10	10,809,700	10,702,200	10,809,700	10,702,200
East North Central	16	16	8,181,900	8,001,300	8,181,900	8,001,300
West North Central	12	9	2,712,100	2,673,300	1,736,900	1,708,100
South Atlantic	19	19	2,783,200	2,732,900	2,783,200	2,732,900
East South Central	6	5	767,900	745,500	704,200	682,400
West South Central	8	7	1,319,100	1,289,900	1,285,000	1,256,400
Mountain	9	9	598,800	590,200	598,800	590,200
Pacific	6	4	2,090,600	2,043,500	1,590,300	1,551,200

FOREIGN AND INSULAR

CANADA

Provinces—Communicable diseases—Week ended November 2, 1929.—The Department of Pensions and National Health of Canada reports cases of certain communicable diseases in the Provinces of Canada for the week ended November 2, 1929, as follows:

Province	Cerebro-spinal fever	Dysentery	Influenza	Lethargic encephalitis	Poliomyelitis	Smallpox	Typhoid fever
Prince Edward Island							
Nova Scotia			1			1	
New Brunswick							3
Quebec	2				1		11
Ontario	2		1	1	10	5	34
Manitoba					3	1	1
Saskatchewan	1					1	2
Alberta					3	4	2
British Columbia		6			1	1	1
Total	5	6	2	1	18	13	54

Ontario Province—Communicable diseases (comparative)—Four weeks ended September 28, 1929.—The following table shows the number of cases of certain communicable diseases, with deaths, reported in the Province of Ontario for the four weeks ended September 28, 1929, as compared with the corresponding period of the year 1928:

Disease	1929		1928	
	Cases	Deaths	Cases	Deaths
Cerebrospinal meningitis	6	1	3	
Chancroid			1	
Chicken pox	196		128	
Conjunctivitis			4	
Diphtheria	338	23	238	10
Dysentery	10	9		5
Erysipelas	1			
German measles	2		3	
Gonorrhea	260		269	
Influenza	3	2		6
Measles	177		87	1
Mumps	112		169	1
Paratyphoid fever	2		1	
Pneumonia		104		75
Poliomyelitis	227	9	27	2
Puerperal septicemia				1
Scarlet fever	193	1	164	3
Septic sore throat		2		
Smallpox	19		31	
Syphilis	114		161	1
Tetanus	1			
Trichinosis	1	1		
Tuberculosis	121	64	127	55
Typhoid fever	98	11	138	4
Whooping cough	361	5	490	7

Quebec Province—Communicable diseases—Week ended November 9, 1929.—The Bureau of Health of the Province of Quebec, Canada, reports cases of certain communicable diseases for the week ended November 9, 1929, as follows:

Disease	Cases	Disease	Cases
Cerebrospinal meningitis	1	Poliomyelitis	5
Chicken pox	126	Puerperal fever	3
Diphtheria	74	Scarlet fever	140
German measles	4	Smallpox	6
Influenza	5	Tuberculosis	70
Measles	107	Typhoid fever	6
Mumps	72	Whooping cough	125

Quebec Province—Vital statistics—August, 1929.—Births, deaths, and marriages for the month of August, 1929, in the Province of Quebec, Canada, with deaths from certain principal causes, are shown in the following table:

Estimated population	2,691,000	Deaths from—Continued.	
Births	6,278	Diphtheria	21
Birth rate per 1,000 population	27.5	Heart disease	350
Deaths	2,509	Influenza	15
Death rate per 1,000 population	11.4	Measles	3
Marriages	2,047	Pneumonia	116
Deaths under 1 year	738	Scarlet fever	6
Infant mortality rate	117.6	Syphilis	8
Deaths from—		Tuberculosis (pulmonary)	175
Cancer	164	Tuberculosis (other forms)	61
Cerebrospinal meningitis	8	Typhoid fever	22
Diabetes	20	Violence	142
Diarrhea	266	Whooping cough	40

Prince Rupert, British Columbia—Measles.—An outbreak of measles is reported from Prince Rupert, British Columbia, Canada, with 60 cases for the week ended November 2 and 94 for the week ended November 9, 1929. The disease is stated to have spread to Prince Rupert from some near-by cannery settlements during the latter part of September.

CUBA

Provinces—Communicable diseases—Four weeks ended October 26, 1929.—During the four weeks from September 29 to October 26, 1929, cases of certain communicable diseases were reported in the Provinces of Cuba as follows:

Disease	Pinar del Rio	Habana	Matanzas	Santa Clara	Camaguey	Oriente	Total
Cancer		6		1		1	8
Cerebrospinal meningitis		2					2
Chicken pox	6					1	7
Diphtheria		17	2	6	1		26
Malaria	4	17	2	3	15	23	64
Measles	1	2		16			19
Paratyphoid fever	1	1		2	3	4	11
Poliomyelitis		1					1
Scarlet fever	1	3				1	5
Typhoid fever	11	30	9	46	16	30	142

NETHERLANDS

Smallpox (reported as alastrim).—During the week ended November 2, 1929, two cases of smallpox (reported as alastrim) were reported at Rotterdam. The disease was stated to be spreading at The Hague, where 10 cases were reported. One case was reported at Beverwijk and one at Rijswijk.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER

From medical officers of the Public Health Service, American consuls, International Office of Public Hygiene, Pan American Sanitary Bureau, health section of the League of Nations, and other sources. The reports contained in the following table must not be considered as complete or final as regards either the list of countries included or the figures for the particular countries for which reports are given.

CHOLERA

[C indicates cases; D, deaths; P, present]

Place		Apr. 7–May 4, 1929	May 5–June 1, 1929	June 2–29, 1929	June 30–July 27, 1929	July 28–Aug. 24, 1929	Week ended— Aug. 31, 1929	September, 1929				October, 1929				Nov. 2, 1929
								7	14	21	28	5	12	19	26	
Ceylon	C		3													
	D		3													
Colombo	C	1	3	1												
	D		3	1												
China:																
Amoy	C			4	7	1										
Canton	C	3	2	10	6	5		1								
	D	3	1	5	5	3		1								
Manchuria—																
Kwantung—Dairen	C					1										
Newchwang	C							P	1							
Shanghai	C				2	1,306	483	360	139	2	3	30		2		
	D				3	98	30	23	8	8	9	2				
Swatow	C			P												
	D			4	7	12	1	20	6	10	8	6	8		6	
Tientsin	C										P					
Chosen: Chemulpo	C									P						
India	C	18,521	30,616	29,449	32,081	41,090	8,507	6,958	5,873	5,558						
	D	11,069	20,311	19,910	19,343	24,005	4,886	4,070	4,272	3,439						
Bassein	D	118	38	2		6										
Bombay	C	3		2		2					1					
	D		2	2		1										
Calcutta	C	788	924	354	275	170	43	36	24	32					71	52
	D	461	605	176	157	106	13	15	15	16	12	12	15	31	41	11
Karachi	D					10	1	4	6							
Madras	C		1		1										1	
	D				2											
Moulmein	D	6	31	5	1											
Negapatam	C			1	1											
Rangoon	C	8	13	8	1	1									1	
	D	10	7	8	1	1									1	
Tuticorin	C			34	6							2	6	10	2	2
	D			30	2							1	5	5	1	1
Vizagapatam	D				1											

India (French):																
Chandernagor	C	3	3	3	2	1							1			
	D	1	3	3	2											
Karikal	C	3				1										
	D	3														
Pondicherry Province	C		3	3												
	D		3	3												
India (Portuguese)	C					1				2						
	D					1				1						
Indo-China (see also table below):																
Pnompenh	C	15	14	11	7	3		2		1	5	5	16	35	23	8
	D	9	10	4	5	3		2			3	5	11	27	20	4
Saigon and Cholon	C	13	71	188	9	2										
	D	8	37	139	14	2										
Japan:																
Kobe	C					2	4	3		2	3					
Osaka	C					5	18	14	8	1	14					
Shimonoseki	C					P	2									
Siam	C	619	619	469	371	180	12	2	5	7	6	1				
	D	404	436	285	202	112	11	1	1	6	4					
Anthoang	C				4	10										
	D				4	3										
Ayudhaya	C	29	2	25	18	2							1	1		
	D	19		11	11											
Bangkok	C	111	131	30	7	9	1	3	4	2	2	1		1		
	D	74	77	3	1	3	1	2	1	1	2					
Chaxœngsso	C		1													
	D		1													
Dhannapuri	C	17										1	1			
	D	7										1	1			
Lobpuri	C	1				2	3									
	D	1				2	3									
Nagara Pathom	C	36	13													
	D	20	10													
Nagara Rajsima	C				57	5							1			
	D				29	5							1			
Smud Songram	C				3											
	D				3											
Sridharmaraj Province [1]	C					15										
	D					13										
On vessel:																
S. S. Angby, at Saigon-Cholon	C			1												
	D			1												
S. S. Cap. St. Jacques, at Singapore, from Saigon-Cholon	C				P											
S. S. Erinpura, at Madras	C		2													
S. S. Media, at Colombo, from Calcutta	C		1													
S. S. Saka Maru, at Calcutta	C		6													
S. S. Shinsei, at Shanghai	D							3								
S. S. Tokushima, at Hong Kong	C			2												
	D			2												
S. S. Texas Maru, at Nagasaki, from Shanghai	C					1										

[1] There were 98 cases of cholera with 16 deaths in Nagara Sridharmaraj Province, Siam, from May 16 to July 7, 1929.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

CHOLERA—Continued

[C indicates cases; D, deaths; P, present]

Place		March, 1929	April, 1929	May, 1929	June, 1929	July, 1929			August, 1929			Sept. 1–10, 1929
						1–10	11–20	21–31	1–10	11–20	21–31	
Indo-China (French) (see also table above):												
Annam	C	6	20	[1] 20	-------	2	5	2	-------	3	14	1
Cambodia	C	29	84	[1] 215	-------	55	71	60	-------	21	14	4
Cochin-China	C	183	88	[1] 123	-------	146	123	46	-------	45	15	45
Laos	C	-------	-------	-------	-------	1	-------	12	3	-------	-------	-------
Tonkin	C	-------	-------	5	4	-------	-------	-------	-------	-------	-------	-------

[1] Reports incomplete.

PLAGUE

[C indicates cases; D, deaths; P, present]

Place		May 5–June 1, 1929	June 2–29, 1929	June 30–July 27, 1929	July 28–Aug. 24, 1929	Week ended—											
						Aug. 31, 1929	September, 1929				October, 1929				November, 1929			
							7	14	21	28	5	12	19	26	2	9	16	23
Algeria:																		
Algiers	C	-------	-------	-------	-------	-------	1	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Philippeville	C	-------	-------	3	3	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Azores: St. Michaels Island	C	-------	-------	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Belgian Congo:																		
Blukwa	C	-------	3	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
	D	-------	3	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Buki	C	-------	-------	2	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
	D	-------	-------	2	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Djugu	C	2	3	5	1	1	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
	D	3	3	5	1	1	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Rekwa	C	-------	-------	2	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
	D	-------	-------	2	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

British East Africa (see also table below): Uganda	C	450	1,437	1,437	840	153	134	125	100	116									
	D	409	1,072	1,199	730	135	118	108	90	105									
Canary Islands: Tenerife	D			1															
Laguna	C	1																	
Ceylon:																			
Colombo	C	7	2	P			1					1	2						
	D	6	3				1						1						
Plague-infected rats				6	1	7						1							
Galle	C			3		1	3	1	3										
	D			3		1	2	1	2										
Kandy	C				1	1													
	D				1	1													
Matara	C			12															
	D			11															
China:					P														
Amoy	C			P	P		P		P		P								
Foochow	C				1		1												
Hong Kong	C				1		1												
	D				3	1	1												
Plague-infected rats																			
Manchuria—Tungliao District	C			P	16														
Dutch East Indies: Java—																			
Batavia and West Java	C	58	47	69	122	49	30	38	54	43	39								
	D	56	47	68	121	49	39	38	52	43	36								
East Java and Madura	C			3	3	4	3			1									
	D			3	3	4	3			1									
Surabaya	C		3	11	3			2	5				P						
	D		3	11	3			2	5										
Ecuador (see table below).																			
Egypt:																			
Alexandria	C	1	1	7	5	3	2	4	2	3	1	3	6	4	4	2	1		
	D		1	3	1	1	1	2	1	1		1	1	3		1			
Assuan	C			4				1											
	D			4															
Behéira	C			2															
	D			2															
Beni Suef	C		6	4	1			1								1			
	D		2																
Dakahlieh	C	9	1	1				2											
	D	1			1	1		2				4	1	4		1			
Gharbieh	C			9	1	1						4							
	D			1	1														
Girga	C			3															
Kena	C			2															
	D			2															
Menufieh Province	C			3															
Miniah	C			7	1						1	1							
Port Said	C	3	2	3	6	2						1							
	D	2	1	2	6	3													
Suez	C			1						1									
France: Paris	C																		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

PLAGUE—Continued

[C indicates cases; D, deaths; P, present]

Place		May 5–June 1, 1929	June 2–29, 1929	June 30–July 27, 1929	July 28–Aug. 24, 1929	Week ended— Aug. 31, 1929	Sept. 7	Sept. 14	Sept. 21	Sept. 28	Oct. 5	Oct. 12	Oct. 19	Oct. 26	Nov. 2	Nov. 9	Nov. 16	Nov. 23
Greece (see also table below):																		
Messenia	C					1		1	1		1	1	1			2		
Patras	C															1		
Piraeus	C					1	1	1										
Hawaii: Hamakua—Kukuihaele—Plague-infected rats		6	1							3								
India	C	1,394	677	1,812	4,221	1,395	1,268	1,880	1,783									
	D	1,205	414	1,059	2,266	718	651	1,003	982									
Bassein	C			9	13	2	1	1										
	D	2	4	1	14	1	1	2										
Bombay	C	1			1	1			1									
	D	1	4		1	1		1			1							
Plague-infected rats		44	35	23	10	9	8	7	4	7	8	7	10	6	3			
Madras Presidency	C	64	85	97	215	37	40	72	37	51					27			
	D	40	38	52	112	20	21	46	20	22					14			
Rangoon	C	2		24	15	4	2	2	3	1	1							
	D	3	9	18	12	4	2	1	2	2	1	2	1					
Plague-infected rats		5	6	9	10	7	6	2		3		2	1	3				
Indo-China (see also table below):																		
Pnompenh	C	5	4	7	8	1	1	2		1				1				
	D	3	3	8	8	1	1	2		1				1				
Saigon and Cholon	C		1	6	4		1				1	1						
	D			1	4						1	1						
Iraq:																		
Baghdad	C	14	12	1	2							1	2	1	1	1	1	
	D	5	2										1	1			1	
Plague-infected rats		1																
Diyalah Liwa	C	12	1	1														
	D	7																
Naudham	C		1	1														
Italy: Naples Province	C									2								
	D									1								
Plague-infected rats										3								
Japan: Osaka—Plague-infected rats		2																

Madagascar (see also table below):																		
Tamatave	C	P	2	5	1				2	2	2			1	2			
	D		2			4	4	5	2	1			1	2				
Morocco	C	42	16	39	4	1							P	1				
	D	4	5	17														
Nigeria: Lagos	C	5	2	1	9	2	4	6	5	7	5		11	14				
	D	4	1	1	8	2	4	6	5	7	5		10	13				
Plague-infected rats		8	4	13	16		8											
Peru (see table below).																		
Senegal (see table below).																		
Siam	C	9	1	4	3	2	1	1	3			P	1					
	D	5	1	3	3	1	1		3				1					
Bangkok	C	2		1	3		1											
	D	1		1	3		1											
Nagara Pathom	C	3																
	D	2																
Straits Settlements: Singapore	C							1										
	D	1						1										
Syria: Beirut	C																	1
Tunisia:																		
Sfax	C											12	1					
Tunis	C			P		4	4	2				25						
	D					1												
Plague-infected rats								4										
Turkey:																		
Adalia	C				1													
Constantinople	C		P	2														
Union of Socialist Soviet Republics:																		
Caucasia	C		1	7	2													
	D		1	3	1													
Ural–Kirghiz	C		4															
	D		4															
Union of South Africa:																		
Cape Province	C			3						4								
	D			2						4								
Orange Free State	C					1												
On vessel:																		
S. S. Chaban, at Port Said, from Jaffa	C				1													
	D				1													
S. S. Tokio, at Shanghai, from Singapore	C			1														
	D			1														
S. S. Ganzan Maru, at Osaka, from Haipong	C	1																
Steamship at Porto Novo, from Lagos	C										1							
S. S. Seigo Maru, at Osaka, from Bombay—																		
Plague-infected rats		1																
S. S. Sumatra, at Osaka, from Bombay	C	1																

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

PLAGUE—Continued

[C indicates cases; D, deaths; P, present]

Place		May, 1929	June, 1929	July, 1929	August, 1929	September, 1929	October, 1929
British East Africa (see also table above):							
Kenya	C	22	69	------	------	------	------
Uganda	C	------	1, 215	1, 203	------	------	------
	D	------	932	973	------	------	------
Ecuador: Guayaquil	C	2	------	1	6	7	------
	D	1	------	------	1	3	------
Plague-infected rats		3	1	------	4	8	------
Greece (see also table above)	C	------	------	3	2	5	------
	D	------	------	1	1	2	------
Indo-China (see also table above)	C	------	------	37	9	------	------
Madagascar (see also table above)	C	------	------	19	48	------	------
	D	------	------	18	46	------	------
Ambositra Province	C	------	------	------	9	------	------
	D	------	------	------	9	------	------
Antisirabe Province	C	------	------	2	1	------	------
	D	------	------	2	1	------	------
Majunga Province	C	------	------	------	2	------	------
	D	------	------	------	2	------	------
Moramanga Province	C	------	------	1	2	------	------
	D	------	------	1	2	------	------

Place		May, 1929	June, 1929	July, 1929	August, 1929	September, 1929	October, 1929
Madagascar (see also table above)—Continued.							
Tananarive Province	C	------	11	16	36	------	------
	D	------	11	16	34	------	------
Peru	C	10	16	11	------	------	------
	D	5	8	3	------	------	------
Senegal:							
Baol [1]	C	21	43	22	32	42	19
	D	6	18	9	13	24	6
Dakar [1]	C	17	67	62	76	26	4
	D	11	45	45	65	17	2
Louga [1]	C	------	------	59	121	108	40
	D	------	------	39	70	64	24
Rufisque [1]	C	------	------	22	------	1	------
	D	------	------	7	------	1	------
Thies [1]	C	6	10	61	53	34	3
	D	3	6	34	33	28	3
Tivaouane [1]	C	22	93	161	188	119	38
	D	10	50	96	119	55	18

[1] Incomplete reports.

SMALLPOX

Place		May 5–June 1, 1929	June 2–29, 1929	June 30–July 27, 1929	July 28–Aug. 24, 1929	Week ended— Aug. 31, 1929	Sept. 7	Sept. 14	Sept. 21	Sept. 28	Oct. 5	Oct. 12	Oct. 19	Oct. 26	Nov. 2	Nov. 9	Nov. 16
							September, 1929				October, 1929				November, 1929		
Algeria:																	
Algiers	C	5	6	7	1						1						
Cherchell	C		1														
Oran	C	5	1	1				4	1								
Angola (see table below).																	
Arabia: Aden	C	40	110	103	38	1	2	1					3	1	1		
	D	20	20	56	37	1											
Australia: Fremantle Quarantine Station	C			1													
Bermuda: Hamilton	C		1														
Brazil:																	
Porto Alegre	C	1				3		1	1								
Rio de Janeiro	C	3															
British East Africa (see also table below):																	
Tanganyika	C	4	7	10	5	2	3		4	2	1						
	D						1										
British South Africa:																	
Northern Rhodesia	C			73													
	D			4													
Southern Rhodesia	C	12		5		1		2		2							
Canada:																	
Alberta	C		12		4				4		1			2	4		
Calgary	C				2						1						
Edmonton	C		4		1						1		2	2	4	1	
British Columbia—Vancouver	C	23	13	14	8		2	3			13		2	2	1		
Manitoba	C	6	6	1										1	1		
Winnipeg and vicinity	C		2														
Nova Scotia	C				2							1					
Ontario	C	40	84	57	7	5	4	3	7	5	1	1		3	5		
London	C														3	1	
Niagara Falls	C	3												1			
North Bay	C	8	2	7					3	4	2		1		5		
Ottawa	C		1	1	1											1	
Sarnia	C															1	
Toronto	C		5	7		1	1		1	1				1	1		
Windsor	C	3	2	2											1	1	
Prince Edward Island	C				2												

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

SMALLPOX—Continued

[C indicates cases; D, deaths; P, present]

Place		May 5–June 1, 1929	June 2–29, 1929	June 30–July 27, 1929	July 28–Aug. 24, 1929	Week ended— Aug. 31, 1929	Sept. 7	Sept. 14	Sept. 21	Sept. 28	Oct. 5	Oct. 12	Oct. 19	Oct. 26	Nov. 2	Nov. 9	Nov. 16
Canada—Continued.																	
Quebec	C	12	10	2	3				1		2		5	8	7	6	
Montreal	C	1	1														
Quebec	C	1	2		1												
Riviere du Loup	C			2													
Saskatchewan	C	14			1	1	3							9	1		
Saskatoon	C					1				5			8				
China:																	
Amoy	C	2															
Canton	C	46	16	12	2												
	D	4	1	2													
Chefoo	C	P															
Foochow	C			P	P		P		P		P						
Hong Kong	C	29	10	1	5		1		1	1		1	1		4		
	D	25	6	5	4		1		1	1			2		2		
Manchuria—																	
Harbin	C				1												
Kwantung—																	
Dairen	C	21	11	14			1	1									
	D	8	3	9	1												
Port Arthur	C	3															
Nanking	C			P	P	P											
Shanghai—																	
Foreigners only	C	6	7	3								1	1				
Including natives	D	16	5	3													
Swatow	D	62	24	15	2												
Tientsin	C	12					2					2	1				
Tsingtao	C	P	P														
Chosen (see table below):																	
Colombia:																	
Barranquilla	C			2			1		3								
Buenaventura	C										4	5					
Dutch East Indies:																	
Balikpapan	C	4	1														

Belawan Deli	C		1	2	1	1												
	D			1														
Borneo—Samarinda	C		3	13	7						9		2	3	5			
	D		1								1		2					
Celebes—Makassar	C	43	20	21	4	1	5	4	2	3	1	12	140					
	D	33	15	11	3	1	1	2	1		1							
Java—																		
Batavia and West Java	C	1	6	8	10	3	7	9	16	7	2		3		1			
	D		1	2	5		4	3		2	1		2					
East Java and Madura	C				3													
	D				1													
Sumatra—Medan	C	1	1	3	3	1	2											
	D	1		1														
Ecuador (see table below).																		
Egypt:																		
Port Said	C		1			3	2											
Suez	C																	
France (see table below).																		
Great Britain:																		
England and Wales	C	1,179	789	541	502	131	150	96	119	108	97	131	154	131				
	D			7	3								2					
Ashton under Lyne	C	1																
Birmingham	C	4	4	3		1	3	1	3	2	1	1	2		4			
Bradford	C			1														
Bristol	C				1					1								
Cardiff	C	4																
Castleford	C	12	3	1			2											
Leeds	C		1	1	1													
London	C	193	167	107	78	37	41	27	39	46	26	39	45	29				
London and Great Towns	C	656	496	363	297	79	81	59	85	81	60	87	104	83				
	D	3	1	4						1								
Newcastle-on-Tyne	C	37	20	15	4	2												
Stoke-on-Trent	C	86	62	32	18	2	2	7	7	3	2	2		3				
West Ham	C			26	59													
Scotland—Glasgow	C	1																
Greece (see table below).																		
Hedjaz	C	40	83	53	11	17	2	2	1		2	2	1		4			
	D	24	53	35	19	3	1	2	1			1			4			
Honduras:																		
Choluteca	C											1	1					
Puerto Castilla	C	1																
India	C	17,011	11,549	7,838	5,481	1,166	1,043	966	1,024									
	D	4,185	3,006	2,062	1,418	231	259	245	219									
Bombay	C	208	147	92	63	18	5	6	8	7	5		4	6	1			
	D	131	99	55	31	10	3	5	6	2	4		5	3	1			
Calcutta	C	39	27	16	31	2	7	9	3	1	5			1	3			
	D	36	24	11	20		7	6	3	1	4		8	18	2			
Cochin	C				4	2	1	4	6	2	3			5	16			
	D				1	1							1		2			
Karachi	C	84	35	25	15	5	6	8	8	3	6				2			
	D	59	25	13	7	1	6	3	6		3							
Madras	C	174	88	122	89	19	14	16	33	22	28	13	16	15	11			
	D	61	20	32	22	3	4	7	7	2	3	2	1	1	3			

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

SMALLPOX—Continued

[C indicates cases; D, deaths; P, present]

Place		May 5–June 1, 1929	June 2–29, 1929	June 30–July 27, 1929	July 28–Aug. 24, 1929	Week ended— Aug. 31, 1929	September, 1929 7	14	21	28	October, 1929 5	12	19	26	November, 1929 2	9	16
India—Continued.																	
Moulmein	C	8	6	10	11	2	1	2	-------	2	1	-------	-------	-------	-------	-------	-------
	D	6	5	5	5	1	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Negapatam	C	2	6	4	1	1	1	1	-------	1	-------	-------	-------	-------	-------	-------	-------
	D	-------	-------	-------	-------	-------	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Rangoon	C	1	-------	3	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
	D	1	-------	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Tuticorin	C	-------	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Vizagapatam	C	2	4	3	-------	-------	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
	D	-------	2	2	1	-------	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
India (French):																	
Karikal	C	3	5	1	12	-------	8	2	4	-------	-------	2	-------	-------	-------	-------	-------
	D	3	5	1	2	-------	7	2	4	-------	-------	-------	-------	-------	-------	-------	-------
Pondicherry Province	C	32	18	21	12	2	2	2	2	3	-------	-------	2	-------	1	-------	-------
	D	30	15	16	7	2	2	2	2	3	-------	-------	-------	1	1	-------	-------
India (Portuguese)	C	3	9	4	-------	-------	-------	1	-------	1	-------	-------	-------	-------	-------	-------	-------
Indo-China (see also table below):																	
Pnompenh	C	22	8	9	3	1	-------	-------	-------	-------	1	-------	-------	-------	-------	-------	-------
	D	12	2	3	3	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Saigon and Cholon	C	1	-------	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
	D	1	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Iraq:																	
Baghdad	C	3	1	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	8	-------	-------	1
	D	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	2	-------	-------	1
Basra	C	8	9	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
	D	8	1	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
Diyalah Liwa	C	48	-------	8	13	-------	-------	-------	4	-------	-------	-------	-------	-------	-------	18	-------
	D	13	-------	2	12	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	9	-------
Kirkuk Liwa	C	-------	-------	-------	-------	-------	-------	-------	21	16	-------	-------	-------	-------	-------	-------	-------
	D	-------	-------	-------	-------	-------	-------	-------	1	-------	-------	-------	-------	-------	-------	-------	-------
Mossoul	C	-------	20	12	81	35	7	18	8	-------	-------	-------	24	75	52	11	-------
	D	-------	-------	-------	13	12	-------	5	-------	-------	-------	-------	6	33	28	26	-------
Ivory Coast (see table below).																	
Jamaica (outside Kingston) (alastrim)	C	1	-------	7	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

Japan:																	
Niigata	C	12	2														
Osaka	C	1															
Tokyo	C	2	1														
	D	5	2														
Macao																	
Mexico (see also table below):																	
Acapulco	C	1	2	3	4	1											
	D	1	2	3	4	1											
Aguascalientes	D	6	17	11	7	3	1	2			3	2	3	1			
Coahuila	D		1													1	
Jalisco (State): Guadalajara	D	15	11	6	5	5	1	2		2		1	1	1			
Juarez	C				3	P				8	2						
Mexico City and surrounding territory	C	1	9	13	21	1	2	2	3	3	1	3	1				
	D		10	3	6		1			2			6				
Morocco (see table below).																	
Netherlands: Rotterdam	C			40	141	33	31	21	25	13	13	9	4		2		
	D				1		4	2	1	4			1				
Nigeria: Lagos	C	2		1													
Palestine	C	1															
Panama [1]	C			14	5	4	14		77		62	67	25	8	3		
Panama Canal Zone	C	1	1														
Persia (see table below).																	
Poland	C	2	66		2								1	2			
	D		2														
Portugal:																	
Lisbon	C	1	6	4	1			16	1								
Oporto	C		2	2													
Rumania	C					1				1							
	D						1										
Senegal (see table below).																	
Siam	C	32	27	71	32	10	10	1	2	17	3	7	6				
	D	9	7	14	7	3	1	1		1	1						
Somaliland, British: Boales	C		11	4				3	1	1	1	1		5	10		
	D		4						2	1	1		2	1	5		
Somaliland, French: Jibuti	C	3	16	123	31	5	3		2								
	D	1	8	21	21	5	3	1	2								
Spain: Valencia	C		1														
Sudan (Anglo-Egyptian)	C	1,570	1,172	1,121	87	10	580		8	8	172	29	41	19	11	7	54
	D	132	195	164	73	16	79					5	11	3	3	3	3
Sudan (French) (see table below).																	
Syria (see table below).																	
Tunisia: Tunis	C		2	1								1					
Turkey (see table below).																	
Union of Socialist Soviet Republics: Vladivostok	C	2															
Union of South Africa:																	
Cape Province	C	P	P														
Natal	C				P		P	P									
Transvaal	C	P	P			P					P						
Upper Volta	C	2	10														

[1] 354 cases of smallpox were reported from June 16 to Oct. 11, 1929, in Panama City, Panama.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

SMALLPOX—Continued

[C indicates cases; D, deaths; P, present]

Place		May 5–June 1, 1929	June 2–29, 1929	June 30–July 27, 1929	July 28–Aug. 24, 1929	Week ended— Aug. 31, 1929	September, 1929				October, 1929				November, 1929		
							7	14	21	28	5	12	19	26	2	9	16
On vessel:																	
S. S. Aorangi, at Sydney	C		1														
S. S. Assyria, at Suez, from Bombay	C	1															
S. S. City of Hereford, at Brisbane, from Calcutta	C			1													
S. S. City of Venice, at Suez, from Calcutta	C	1															
S. S. Fern, at Port Said, from Abadan	C	P															
S. S. British Birch, at Suez, from Abadan	C		1														
S. S. Karoa, at Zanzibar	C						1										
S. S. Keneh, at Suakim, from Jeddah	C		4														
S. S. Le Panto, at Suez, Egypt	C	4															
S. S. Taipikn, at Manila, from Australia	C														1		
S. S. Umvuma, at Cape Town, from London	C										5						

Place		April, 1929	May, 1929	June, 1929	July, 1929	August, 1929			September, 1929			October, 1929		
						1–10	11–20	21–31	1–10	11–20	21–30	1–10	11–20	21–31
Dahomey	C											4		
Indo-China (see also table above)	C	755	410		159		123	140	64			81		
Ivory Coast	C				22		2							
Senegal	C	57	1											
	D	15												
Sudan (French)	C	83	2	57	15					2				
	D			15										
Syria: Beirut	C	18	12	36	27	16	6	7	4	13	20	16	1	11
	D													1

Place		May, 1929	June, 1929	July, 1929	August, 1929	September, 1929	October, 1929
British East Africa (see also table above):							
Kenya	C	38	45				
Chosen	C	97					
	D	29					
Ecuador: Guayaquil	C	1					
France	C	11	15				
Greece	C	5	2				
Mexico: Durango (see also table above)	D					2	2
Morocco	C	39	2	9	10	3	
Persia	D			51			
Turkey	C		11		1		

TYPHUS FEVER

[C indicates cases; D, deaths; P, present]

Place		Apr. 7–May 4, 1929	May 5–June 1, 1929	June 2–29, 1929	June 30–July 27, 1929	July 28–Aug. 24, 1929	Week ended— Aug. 31, 1929	September, 1929				October, 1929				November, 1929	
								7	14	21	28	5	12	19	26	2	9
Algeria:																	
Algiers	C	11	1	1	9	4		2	1	1	3		1	6			
Constantine Department	C			11		2											
Oran	C	8	14	5	9	2			3								
Bolivia: Pacajes Province—Calacoto Canton	C					19											
	D					5											
British South Africa: Northern Rhodesia	C		3														
	D		3														
Bulgaria	C	28	21	4	12		7		7								
	D	2	1	1	2												
Sofia	C				1												
Chile:																	
Concepcion	C		1														
Valparaiso	C				1	1											
China: Tientsin	C					1											
Chosen (see table below).																	
Czechoslovakia (see table below).																	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

TYPHUS FEVER—Continued

[C indicates cases; D, deaths; P, present]

Place		Apr. 7–May 4, 1929	May 5–June 1, 1929	June 2–29, 1929	June 30–July 27, 1929	July 28–Aug. 24, 1929	Week ended— Aug. 31, 1929	Sept. 7	Sept. 14	Sept. 21	Sept. 28	Oct. 5	Oct. 12	Oct. 19	Oct. 26	Nov. 2	Nov. 9
Egypt:																	
Alexandria	C	1								1	1	1					
	D		1														
Beheira Province	C	50	159	13	8	31			6		9	3		4	2		
	D	9	24	6	4				2		2			2	1		
Cairo	C		2		2	4	1	1		1							
	D									1							
Port Said	C		2	2	4	3											
Suez	C					2								1	1		
Greece (see table below).																	
Hungary	C		1														
Ireland (Irish Free State):																	
Cavan County—Carrickmacross	C		1														
Donegal County—																	
Inishower	C	1															
Stranorlar	C			1													
Kerry County—																	
Dingle	C	2															
Killarney	C	2															
Tyrone County—Strabane.[1]																	
Latvia (see table below).																	
Lithuania (see table below).																	
Mexico:																	
Aguascalientes	D				1	1											
Mexico City, including municipalities in Federal District	C	4	8	14	11	11	3	3	3	5	3	4	1	1			
	D	1	2	1		1	2	3	1								
Morocco	C	28	5	12	27	6							1	4	1		
	D	4			11												
Norway: Oslo	C	12	2														
Palestine	C		2	2	4	1	1	3	1		1	1	1				2
Persia	C			5	56	23											
	D			4	10	8											

Poland	C	314	264	177	90	48	2	8	7	9	5	10	3	13	26	------	------
	D	25	19	7	4	7	1	2	1	------	1	1	1	------	------	------	------
Portugal:																	
Lisbon	C	------	------	1	------	------	------	------	------	------	------	------	------	------	------	------	------
Oporto	C	------	------	1	------	1	------	------	------	------	1	------	------	------	------	------	------
Rumania	C	135	179	91	33	9	10	8	12	9	6	4	------	------	------	------	------
	D	16	31	13	2	1	2	2	------	------	2	2	------	------	------	------	------
Tunisia	C	19	22	23	3	4	------	------	------	------	------	------	1	------	------	------	------
Turkey (see table below).																	
Union of South Africa:																	
Cape Province	C	P	P	P	P	1	P	P	P	P	P	P	------	------	------	------	------
Natal	C	P	P	P	------	P	P	P	P	P	P	P	------	------	------	------	------
Orange Free State	C	P	P	P	P	P	P	P	P	------	P	P	------	------	------	------	------
Transvaal	C	P	P	P	P	P	P	------	P	P	P	P	------	------	------	------	------
Yugoslavia (see table below).																	

[1] During the period from Apr. 14 to May 21, 1929, 18 cases of typhus fever with 4 deaths were reported in Strabane, Tyrone County, Ireland.

Place		May, 1929	June, 1929	July, 1929	August, 1929	September, 1929	October, 1929
Canada: Ontario	C	------	1	------	------	------	------
Chosen	C	272	------	------	------	------	------
	D	15	------	------	------	------	------
Seoul	C	1	2	------	------	------	------
Czechoslovakia	C	18	2	2	------	------	------
	D	1	------	------	------	------	------
Greece: Athens	C	------	3	------	6	------	------
Latvia	C	7	5	------	1	------	------
Lithuania	C	63	27	10	7	3	6
	D	5	4	1	1	------	------
Turkey	C	7	10	------	3	4	------
	D	1	3	------	------	1	------
Yugoslavia	C	19	------	3	7	------	------
	D	1	------	1	2	------	------

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

YELLOW FEVER

[C indicates cases; D, deaths; P, present]

Place		Apr. 7–May 4, 1929	May 5–June 1, 1929	June 2–29, 1929	June 30–July 27, 1929	July 28–Aug. 24, 1929	Week ended— Aug. 31, 1929	September, 1929				October, 1929				November, 1929		
								7	14	21	28	5	12	19	26	2	9	16
Brazil:																		
Bahia	C				1													
	D				1													
Nictheroy	C							1										
Para	C	1	2		1													
	D	1		1	1													
Porto Alegre	D		[1] 1															
Rio de Janeiro	C	180	70	7	1	0	0	1	[1]	0	0	0	0	0	0	0	0	0
	D	94	38	5	1													
Colombia:																		
Simacota	C				4													
Socorro [2]	C				12													
Liberia: Monrovia	C	2		4	4													
	D			3	1													
On vessel:																		
S. S. Skogland, at Porto Alegre, from Rio de Janeiro	C		1															

[1] Imported.
[2] From June 19 to July 8, 1929, 41 cases of yellow fever with 23 deaths were reported in Socorro, Colombia.